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# **CAMP Directory of Computer Services Companies**

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## **INPUT**

1943 Landings Drive, Mountain View, California 94043

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## Directory of Computer Services Companies

**A & H Income Tax Centers, Inc.**

820 Hempstead Turnpike  
Franklin Square, NY 11010  
(516) 352-1333  
Andrew Bello, President

**A & T Technical Services**

See: Analysis and Technology, Inc.

**A Data Services**

See: Mountain States Computing

**A Supplementary DP Service, Inc.**

19 Westinghouse Plaza  
Bloomfield, NJ 07003  
(201) 743-3164  
Guido Tango, President  
Private  
Total Sales FYE 4/84: \$1,500,000  
Computer Services Offered: • Processing

**A. B. Dick Company**

## SUBSIDIARIES:

**A. B. Dick Company Business Systems**

55 William Street  
Wellesley, MA 02181  
(617) 890-5151  
Kenneth Quill, President  
Computer Services Offered: • Processing

**A. B. Dick Company Business Systems**

See: A. B. Dick Company

**A.C.T.S. Corporation**

11910 Gate Way  
Austin, TX 78759  
(512) 258-7869  
William Carico, President  
Computer Services Offered: • Software Products

**A-T-O Systems Management Group Inc.**

Name changed to: Figgie Systems Management Group, Inc.

**AAA Technology and Specialties Company**

3000 Rodgerdale Road  
Houston, TX 77042  
(713) 789-6200  
Reid T. McNally Jr., President  
Private  
Total Sales FYE 3/83: \$3,000,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

**AB Computers**

69 Fifth Avenue, Ste. 15G  
New York, NY 10003  
(212) 807-1228  
Cynthia Mason, President  
Private

**ABC Management Systems**

26502 Morena Drive  
Mission Viejo, CA 92691  
(714) 768-1163  
Vern Ruskin, President  
Private

**ACI, Inc.**

4 Park Plaza  
Wyomissing, PA 19610  
(215) 374-2207  
Private

## SUBSIDIARIES:

**Weidenhammer Systems Corp.**

220 N. Park Road, Bldg. 5  
Wyomissing, PA 19610  
(215) 378-1149  
John P. Weidenhammer, President  
Private  
Total Sales FYE 1/84: \$1,000,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services

**ACS Data Services, Inc.**

1940 Elm Hill Pike  
Nashville, TN 37201  
(615) 889-5830  
William Gray, President  
Private  
Total Sales FYE 7/84: \$2,500,000 Est.  
Computer Services Offered: • Processing

**ADP Banking Services Division**

See: Automatic Data Processing Inc.

**ADP Brokerage Services Division**

See: Automatic Data Processing Inc.

**ADP Collision Estimating Services Inc.**

See: Automatic Data Processing Inc.

**ADP Commercial Services Division**

See: Automatic Data Processing Inc.

**ADP Comtrend Division**

See: Automatic Data Processing Inc.

**ADP Dealer Services Division**

See: Automatic Data Processing Inc.

**ADP Electronic Financial Services Division**

See: Automatic Data Processing Inc.

**ADP Financial Information Services**

See: Automatic Data Processing Inc.

## Directory of Computer Services Companies

**ADP National Accounts Division***See: Automatic Data Processing Inc.***ADP Network Services Division***See: Automatic Data Processing Inc.***ADP Telephone Computing Services***See: Automatic Data Processing Inc.***ADP Thrift Services Division***See: Automatic Data Processing Inc.***ADR International Corp.***See: Applied Data Research, Inc.***ADR Services, Inc.***See: Applied Data Research, Inc.***AFI-Datatrol Division***See: Address-a-Graph Farrington, Inc.***AFS SunData***See: SunData Corporation Company***AGMO Software***See: Gurries and Okamoto, Inc.***AGS Computers Inc.**1139 Spruce Drive  
Mountainside, NJ 07092  
(201) 654-4321

Joseph Abrams, President

Public

Total Sales FYE 12/83: \$145,911,000

Cptr. Svcs. Revs. FYE 12/83: \$53,773,000

*Computer Services Offered:* • Software Products • Professional Services

## SUBSIDIARIES:

**AGS Management Systems, Inc.**880 First Avenue  
King of Prussia, PA 19406  
(215) 265-1550

Joseph S. Herbets, Chairman

**DISC, Inc.**1314 Bedford Avenue  
Baltimore, MD 21208  
(301) 486-0410

H. Allen Luray, Chairman and CEO

*Computer Services Offered:* • Software Products • Professional Services**PHD Systems, Inc.**12 Lakeside Office Park  
Wakefield, MA 01880  
(617) 245-3013

Russell Dunkle, Jr., President

**Software Design Associates, Inc.**71 Fifth Avenue, 8th Floor  
New York, NY 10003  
(212) 741-5200

Jay N. Goldberg, President

*Computer Services Offered:* • Software Products • Professional Services

## SUBSIDIARIES:

**SDA Federal Systems, Inc.**7500 Greenway Center Drive  
Greenbelt, MD 20770  
(301) 345-6060

Richard Hampson, President

*Computer Services Offered:* • Professional Services**AGS Management Systems, Inc.***See: AGS Computers Inc.***AIS Corporation - Medical Management Systems**225 Jackson Street, Bernards Professional Center  
Bridgewater, NJ 08807  
(201) 526-8100

Stephen Sullivan, President

Private

Total Sales FYE 12/82: \$2,200,000

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems**AM Computer Services Corp.***Acquired/merged with: Burroughs Corporation***AM International**333 W. Wacker Drive  
Chicago, IL

Joseph B. Freeman, CEO

Public

## DIVISIONS:

**Bruning CAD**6111 East Skelly Drive  
Tulsa, OK 74135  
(918) 663-5291

Jerry Williams, President

Public

Total Sales FYE 7/84: \$15,000,000 Est.

*Computer Services Offered:* • Turnkey Systems**AMI Systems Inc.**250 West 57th Street  
New York, NY 10005  
(212) 581-8300

Irving Wachs, President

Private

Total Sales FYE 6/81: \$350,000 Est.

*Computer Services Offered:* • Processing**APL Data Systems**710 West Main Street  
Arlington, TX 76013  
(817) 265-2132

Harley Courtney, President

**APL Services Inc.***Acquired/Merged with: Computer Company, (The)*



## Directory of Computer Services Companies

**APL Systems**

190 West 800 North  
Provo, UT 84601  
(801) 375-0090  
Roydon Olsen, VP and General Manager  
Private  
Total Sales FYE 7/82: \$1,500,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services

**AR Mediquist**

2990 Lake Lansing Road  
East Lansing, MI 48823  
(517) 337-9494  
Jean Johnstone, President  
Computer Services Offered: • Software Products

**ARC Automation Group Inc.**

See: American Express Company

**ARC Automation Services Inc.**

See: American Express Company

**ASA, Inc.**

3 Speen Street  
Framingham, MA 01701  
(617) 872-2700  
Christopher Crane, President  
Private  
Total Sales FYE 9/83: \$3,400,000 Est.  
Computer Services Offered: • Processing • Professional  
Services • Turnkey Systems

**ASCC, Inc.**

25954 Eden Landing Road, Suite 102  
Hayward, CA 94545  
(415) 786-1889  
Amy Cho, President  
Private

**ATA Services, Inc.**

See: American Trucking Association Inc.

**ATAC**

444 Castro Street, 6th Floor  
Mountain View, CA 94025  
(415) 965-8801  
Banley Maletis, CEO  
Private  
Total Sales FYE 6/82: \$5,000,000 Est.  
Cptr. Svcs. Rvcs. FYE 6/82: \$2,500,000 Est.  
Computer Services Offered: • Professional Services

**ATE Associates Inc.**

5707 Corsa Avenue  
Westlake Village, CA 91362  
(213) 991-4001  
Sy Barasch, President  
Private  
Total Sales FYE 8/84: \$10,000,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

**ATM/Network Management Corp**

2901 Finley Road  
Downers Grove, IL 60515  
(312) 932-9555  
E.L. Smith, President  
Private  
Total Sales FYE 12/82: \$3,000,000 Est.  
Computer Services Offered: • Processing • Turnkey  
Systems

**AUI Data Graphics, Inc.**

See: Integrated Software Systems Corporation (ISSCO)

**AVP Systems**

237 Washington Street  
Marblehead, MA 01945  
(617) 598-2716  
Daniel L. Sullivan, President  
Private  
Total Sales FYE 7/84: \$1,260,000 Est.  
Computer Services Offered: • Software Products

**AW Computer Systems, Inc.**

9000A Commerce Parkway  
Mt. Laurel, NJ 08002  
(609) 234-3939  
Nicholas Ambrus, President and CEO  
Public  
Total Sales FYE 12/83: \$2,306,556  
Computer Services Offered: • Turnkey Systems

**Aardvark/McGraw-Hill**

See: McGraw-Hill, Inc.

**Aarkus Stistsdogtrykkeri**

## SUBSIDIARIES:

**Computer Composition International**

16661 Ventura Boulevard, Suite 425  
Encino, CA 91436  
(213) 986-5552  
Hans Bassoe, President

**ABACUS Associates**

6565 West Loop South, Suite 240  
Bellaire, TX 77401  
(713) 666-8146  
James A. Ostrom, President  
Private  
Total Sales FYE 7/83: \$500,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**Absolute Software**

See: Management Techniques, Inc.

**Academic Financial Services Association**

23800 Hawthorne Boulevard  
Torrance, CA 90505  
(213) 373-8661  
Richard Kipper, President  
Private  
Total Sales FYE 12/83: \$12,000,000 Est.  
Computer Services Offered: • Processing

**Acc-U-Data**

See: Computeristics, Inc.

**Access Data Systems, Inc.**

See: Anacomp, Inc.

## Directory of Computer Services Companies

**Access International, Inc.**

6 Pleasant Street  
Natick, MA 02109  
(617) 367-3690  
Allen Kluchman, President  
Private  
Total Sales FYE 3/84: \$6,000,000 Est.  
Computer Services Offered: • Software Products

**Access Technology, Inc.**

6 Pleasant St  
South Natick, MA 01760  
(617) 431-1775  
Computer Services Offered: • Software Products

**Accountant's Microsystems, Inc.**

1404 140th Place, N.E.  
Bellevue, WA 98005  
(206) 643-2050  
Bruce Milne, President  
Private  
Total Sales FYE 7/84: \$3,500,000  
Computer Services Offered: • Software Products • Turnkey Systems

**Accountants Computer Network, Inc.**

565 Brainard, Ste 102  
La Grange, IL 60525  
(312) 354-8988  
Ken Kendrick, President  
Private

**Accountants Computer Resources Corp. (ACR)**

818 E. Osborn Road, Suite 107  
Phoenix, AZ 85014  
(602) 274-2716  
Kent Pomery, President  
Computer Services Offered: • Processing • Software Products

**Accountants Processing Center**

2200 S. Brentwood Boulevard  
St. Louis, MO 63144  
(314) 968-3434  
Palmer L. Conran, President  
Private  
Total Sales FYE 12/82: \$450,000 Est.  
Computer Services Offered: • Processing • Software Products

**AccounTech Systems, Inc.**

28104 Orchard Lake Road, Suite 108  
Farmington Hills, MI 48018  
(313) 626-0770  
Agnes Kraus, President  
Private  
Computer Services Offered: • Software Products

**Accounting Corporation of America**

1929 First Avenue  
San Diego, CA 92101  
(619) 232-6823  
Nat Colker, President  
Private  
Total Sales FYE 12/83: \$10,000,000 Est.  
Computer Services Offered: • Processing

**Accounting Data Service**

511 Millburn Avenue  
Shorthill, NJ 07078  
(201) 467-0050  
Herbert Sarwin, President  
Private  
Total Sales FYE 12/81: \$550,000 Est.  
Computer Services Offered: • Processing

**Accounting Datamation Inc.**

1300 South State College Boulevard  
Anaheim, CA 92806  
(714) 956-0450  
John M. Weir, President  
Private  
Total Sales FYE 12/83: \$3,500,000  
Computer Services Offered: • Processing • Software Products • Turnkey Systems

**Accounting Systems Corporation**

59 Schoolground Road  
Brantford, CT 06405  
(203) 481-4201  
John W. O'Brien, President  
Private

**AccTex Information Systems**

601 Montgomery Street  
San Francisco, CA 94111  
(415) 981-1920  
Mason Grigsby, Executive Vice President  
Private  
Total Sales FYE 6/84: \$2,000,000 Est.  
Computer Services Offered: • Software Products • Turnkey Systems

**Accurate Data Services Inc.**

5040 W. Irving Park  
Chicago, IL 60641  
(312) 777-1072  
Robert Lee, President  
Private  
Computer Services Offered: • Processing • Professional Services

**Accurate Keypunch Service Inc.**

10700 Caribbean Boulevard  
Miami, FL 33189  
(305) 238-4525  
Bette Cadwallader, President  
Computer Services Offered: • Processing

**AccuSystems**

Name changed to: AB Computers

**Accutab Data Processing Inc.**

See: Market VAX

**Ace Software Inc.**

6314 Feeds Road, P.O. Box 254  
Grove City, OH 43123  
(614) 875-4910  
Michael Uhrin, President  
Private  
Total Sales FYE 1/83: \$600,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

## Directory of Computer Services Companies

**ACES Software**

2526 Manana, Suite 105 Suite 225  
Dallas, TX 75220  
(214) 357-0487

Jon R. Moore, President  
Private

Total Sales FYE 6/81: \$400,000  
Cptr. Svcs. Revs. FYE 6/81: \$380,000

**Computer Services Offered:** • Processing • Software Products • Turnkey Systems

**Acorn Software Products Inc.**

See: Banbury Books

**Action Data Services**

See: Control Data Corporation

**Actuarial Computer Technology Inc.**

See: Distributive Network of America

**ADAC Laboratories**

4747 Hellyer Avenue  
San Jose, CA 95138  
(408) 736-1101

Charles W. Cantoni, President

Public

Total Sales FYE 9/83: \$73,109,000

Cptr. Svcs. Revs. FYE 9/83: \$2,500,000 Est.

**Computer Services Offered:** • Turnkey Systems

**Adcon****SUBSIDIARIES:****Applied Design Company Inc.**

2465 Sheridan Drive  
Tonawanda, NY 14150  
(716) 837-4400

H. Eugene Johnson, President

Private

**Address-a-Graph Farrington, Inc.****DIVISIONS:****AFI-Datatrol Division**

Kane Industrial Drive  
Hudson, MA 01749  
(617) 568-1411

Ed Olson, President

Private

**Computer Services Offered:** • Turnkey Systems

**Adelie Corporation**

288 Walnut Street  
Newtonville, MA 02160  
(617) 965-8480

Charles Khuen, President

Private

Total Sales FYE 12/83: \$500,000

**Computer Services Offered:** • Software Products • Professional Services

**Adfomation Inc.**

Name Changed to: 3M Datatrak Systems, Inc.

**Admins, Inc.**

675 Massachusetts  
Cambridge, MA 02138  
(617) 661-3206

Dave Griffel, President

Private

Total Sales FYE 6/83: \$2,000,000 Est.

**Computer Services Offered:** • Software Products • Professional Services

**ADPAC Corporation**

120 Howard Street  
San Francisco, CA 94115  
(415) 981-2710

Peter P. Harris, President

Private

Total Sales FYE 12/82: \$1,000,000 Est.

**Computer Services Offered:** • Software Products • Professional Services

**Advance Business Services**

5908 Robertdale Road  
Bedford, OH 44146  
(216) 232-4653

Donald D. Webster, President

Private

**Advance Data**

P.O. Box 733  
Jonesboro, AR 72401  
(501) 932-8341

Dale May, President

Private

Total Sales FYE 12/82: \$800,000 Est.

**Computer Services Offered:** • Processing

**Advanced Applications Inc.**

24 California Street, Suite 312  
San Francisco, CA 94101  
(415) 397-7843

Charles A. Olson, President

Private

Total Sales FYE 3/83: \$150,000 Est.

**Computer Services Offered:** • Processing • Software Products • Professional Services

**Advanced Computer Communications (ACC)**

750 Santa Barbara Street  
Santa Barbara, CA 93101  
(805) 963-9431

Roland F. Bryan, President

Private

Total Sales FYE 12/83: \$10,200,000

Cptr. Svcs. Revs. FYE 12/83: \$510,000

**Computer Services Offered:** • Software Products

**Advanced Computer Management Corporation**

3001 W. Big Beaver Road, Suite 324  
Troy, MI 48064  
(313) 649-1800

Harve C. Light, President

Private

Total Sales FYE 12/83: \$5,000,000 Est.

**Computer Services Offered:** • Processing • Software Products • Professional Services

## Directory of Computer Services Companies

### Advanced Computer Techniques Corporation (ACT)

16 East 32nd Street  
New York, NY 10016  
(212) 696-3600  
Oscar H. Schachter, President and CEO  
Public  
Total Sales FYE 12/83: \$11,185,418  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

#### SUBSIDIARIES:

### Creative Socio-Medics, Corp. (CSM)

16 East 32nd Street  
New York, NY 10016  
(212) 696-3588  
Gerald O. Koop, President  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

### Advanced Cybernetics, Inc.

4 Park Plaza Road N.  
Wyomissing, PA 19610  
(215) 374-2207  
Robert Frutchey, President  
Private  
Computer Services Offered: • Processing • Software  
Products

### Advanced Data Group

20370 Town Center Lane, Suite 255  
Cupertino, CA 95014  
(408) 446-4346  
Richard Wieckowicz, President  
Private  
Computer Services Offered: • Processing • Professional  
Services

### Advanced Data Institute America

1215 Howe Street  
Sacramento, CA 95825  
(916) 925-2229  
Edward M. Porrazzo, President  
Private  
Total Sales FYE 7/84: \$1,000,000 Est.  
Computer Services Offered: • Software Products

### Advanced Data Management

See: Aeronautical Research Associates of Princeton (ARAP)

### Advanced Data Processing Inc.

146 Westcott  
Houston, TX 77007  
(713) 880-2300  
George G. Stubblefield III, President  
Private  
Total Sales FYE 12/83: \$1,000,000 Est.  
Computer Services Offered: • Processing

### Advanced Data Systems, Inc.

4010 Long Beach Boulevard  
Long Beach, CA 90807  
(213) 426-8155  
Dennis L. Christy, President  
Private  
Total Sales FYE 12/83: \$1,000,000  
Computer Services Offered: • Processing • Software  
Products

### ADVanced Data Systems, Inc.

3604 Galley Road, Suite 105  
Colorado Springs, CO 80909  
(303) 574-5074  
Private  
Total Sales FYE 10/83: \$350,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services

### Advanced Digital Data, Inc.

254 Rt. 206  
Flanders, NJ 07836  
(201) 584-4026  
Bruce Bott, President  
Private

### Advanced Legal Software

524 Cooke Street  
Honolulu, HI 96813  
(808) 526-9502  
Evan Shirley, President  
Private  
Total Sales FYE 7/84: \$1,000,000 Est.  
Computer Services Offered: • Software Products

### Advanced Management Technologies

P.O. Box 1597  
Houston, TX 77001  
(713) 373-1905  
W.G. Welter, President  
Private  
Total Sales FYE 4/81: \$450,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

### Advanced Medical Systems

36 Maple Avenue  
Rockville Centre, NY 11570  
(516) 764-5953  
Gerold Ehrlich, President  
Private  
Total Sales FYE 6/83: \$4,500,000  
Computer Services Offered: • Processing • Turnkey  
Systems

### Advanced Operating Systems

4300 W. 62nd Street  
Indianapolis, IN 46360  
(317) 298-5400  
David Davidson, President  
Computer Services Offered: • Software Products

### Advanced Software Products

100 East Linton Boulevard  
Delray Beach, FL 33444  
(305) 276-5080  
Robert Lindsay, President  
Private  
Total Sales FYE 4/83: \$700,000  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

### Advanced System Applications, Inc.

One ASA Plaza  
Bloomington, IL 60108  
(312) 893-9055  
John W. Blancy, President  
Private  
Total Sales FYE 12/83: \$14,475,000  
Computer Services Offered: • Processing • Software  
Products

## Directory of Computer Services Companies

**Advanced Systems, Incorporated**

155 E. Algonquin Road  
Arlington Heights, IL 60005  
(312) 981-4260  
William R. Roach, President and CEO  
Public  
Total Sales FYE 10/83: \$38,083,000  
Computer Services Offered: • Professional Services

**Advanced Technology Systems Inc. (Adtec)**

See: Maryland Casualty Co.

**Advantage Systems, Inc.**

245 Winter Street  
Waltham, MA 02154  
(617) 890-2400  
Joseph H. Bayne, President and CEO  
Private  
Total Sales FYE 4/84: \$1,000,000  
Computer Services Offered: • Software Products

**Adycom**

See: Intelligent Computer Systems Inc.

**Advent Online Knowledge, Inc.**

1305 Wiley Road, Suite 133  
Schamburg, IL 60195  
(312) 882-3388  
Vira Van, President  
Computer Services Offered: • Software Products

**Adventures in Computing, Inc.**

PO Box 8890  
Fountain Valley, CA 92708  
(714) 963-4722  
Daniel Hancock, President  
Private

**Advertising Data Systems, Inc.**

606 S. Mendenhall At Poplar  
Memphis, TN 38117  
(901) 761-4740  
James Whipple, CEO  
Private  
Total Sales FYE 12/83: \$1,000,000 Est.  
Computer Services Offered: • Turnkey Systems

**Advertising Distributors of America**

720 Stewart Ave.  
Garden City, NY 11530  
(516) 222-2440  
Roy Harris, President  
Private

**ADVO Systems Inc.**

See: John Blair & Co.

**Adwest Corporation**

123 North Wacker Drive  
Chicago, IL 60606  
(312) 782-1836  
Charles Porter, President  
Private  
Total Sales FYE 9/83: \$450,000 Est.  
Computer Services Offered: • Professional Services

**Aeronautical Research Associates of Princeton (ARAP)**

## DIVISIONS:

**Advanced Data Management**

1517 Main Street  
Kingston, NJ 08528  
(609) 799-4600  
Lud Worsham, President  
Private  
Total Sales FYE 10/81: \$1,800,000 Est.  
Computer Services Offered: • Processing • Software Products

**Aetna Life & Casualty**

## SUBSIDIARIES:

**Geosource Inc.**

2700 South Post Oak Suite 2000  
Houston, TX 77056  
(713) 961-1111  
John D. Platt, President  
Private  
Total Sales FYE 9/82: \$682,900,000 Est.  
Cptr. Svcs. Revs. FYE 9/82: \$96,600,000 Est.  
Computer Services Offered: • Processing

**Affiliated Computer Systems**

Name Changed To: MTEch

**Affiliated Concepts, Inc.**

228 West Carrillo Street, Suite A  
Santa Barbara, CA 93101  
(805) 962-8489  
Dominic Camardella, President  
Private  
Total Sales FYE 7/83: \$700,000 Est.  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**Ag-Data Inc.**

P.O. Box 672  
Walla Walla, WA 99362  
(509) 525-2580  
W. F. Corkrum, President  
Private  
Total Sales FYE 4/83: \$250,000  
Computer Services Offered: • Processing • Software Products

**Agababian Associates**

## SUBSIDIARIES:

**University Software Systems**

250 North Nash Street  
El Segundo, CA 90245  
(213) 772-0681  
Robert Ewing, President

**AGAPE Enterprises**

2818 Palmer Highway  
Texas City, TX 77590  
(713) 948-3461  
James M. Orr, Partner  
Private

# Directory of Computer Services Companies

## AGENA Corporation

9709 Third Avenue N.E.  
Seattle, WA 98115  
(206) 547-5238  
L.L. Mangis, President  
Total Sales FYE 12/83: \$22,100,000  
*Computer Services Offered:* • Processing • Turnkey Systems

## AgriData Systems, Inc.

8989 Westheimer, Suite 100  
Houston, TX 77063  
(713) 784-8759  
Pamela De Zavallos, President  
*Computer Services Offered:* • Software Products

## Agro Systems Corporation

P.O. Box 64539  
Lubbock, TX 79464  
(806) 745-1633  
E. Allen Lash, President  
Private  
*Computer Services Offered:* • Processing • Software Products • Professional Services

## Aims Plus, Inc.

5000 E. Ben White Boulevard, Suite 200  
Austin, TX 78741  
(512) 385-0702  
Tim VeAr, Vice President  
*Computer Services Offered:* • Software Products

## AKRA Data Corporation

See: Southern Progress Co.

## Alexander & Alexander, Inc.

1211 Avenue of the Americas  
New York, NY 10036  
(212) 840-8500  
Tinsley H. Irwin, Chairman and CEO  
Public  
Total Sales FYE 12/83: \$556,200,000  
Cptr. Svcs. Revs. FYE 12/83: \$10,000,000 Est.  
*Computer Services Offered:* • Processing • Professional Services

## SUBSIDIARIES:

### Benefacts Inc.

300 East Joppa Road  
Baltimore, MD 21204  
(301) 296-5500  
Robert R. Baker, Jr., Managing Vice President  
*Computer Services Offered:* • Processing • Software Products • Professional Services

## Allen Services Corporation

See: CGA Computer, Inc.

## Allied Computer Services Inc.

170 Mt. Airy Road  
Basking Ridge, NJ 07920  
(201) 766-5454  
A.C. DeTorres, President

## Allied Corporation

## SUBSIDIARIES:

### Allied Information Systems Company

35 Nutmeg Drive  
Trumbull, CT 06609  
(203) 386-2000  
Robert L. Cole, President  
Total Sales FYE 12/83: \$50,000,000 Est.  
*Computer Services Offered:* • Processing

### Allied Data

1720 Sleater-Kinney S.E., P.O. Box 2406  
Olympia, WA 98507  
(206) 456-3535  
Robert L. Lovely, General Manager  
Private  
Total Sales FYE 6/83: \$6,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

### Allied Information Systems Company

See: Allied Corporation

### Allinson-Ross Corporation

155 Rexdale Blvd., Suite 906  
Rexdale, ON M9W52  
(416) 746-3388  
A.R. Allinson, President  
Private

### Alltrans International Group Inc.

See: Thomas National Transport of Australia

### Allyn, Calvin P. & Associates

50 Congress Street  
Boston, MA 02109  
(617) 723-7340  
Calvin P. Allyn, President  
Private

### Alpha Beta Data Services, Inc.

8640 West 3rd Street  
Los Angeles, CA 90048  
(213) 271-1911  
Mildred Kramer, President  
Private  
Total Sales FYE 12/82: \$2,550,000 Est.  
*Computer Services Offered:* • Processing

### Alpha Data Systems Inc.

13615 Inwood Road  
Dallas, TX 75234  
(214) 233-7062  
Charles Erickson, President

### Alpha Microsystems

17332 Von Karman Avenue  
Irvine, CA 92714  
(714) 957-1404  
Robert Hitchcock, President  
Public  
Total Sales FYE 2/84: \$52,005,000  
*Computer Services Offered:* • Software Products • Turnkey Systems

## Directory of Computer Services Companies

**Alpha Software**

30 B Street  
Burlington, MA 01803  
(617) 229-2924  
Richard Rabin, President  
Private  
Total Sales FYE 3/83: \$1,800,000  
*Computer Services Offered:* • Software Products

**Alpha Systems, Inc.**

1283 Old Worcester Road  
Frammingham, MA 01701  
(617) 620-0983  
Murray J. Daniels, President  
Private  
Total Sales FYE 5/82: \$280,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Alphatext**

*See:* Ronalds-Federated

**Alpine Data Systems**

*See:* Hanover Information Systems

**Amcom Data Processing, Inc.**

464 McCormick Street  
San Leandro, CA 94577  
(415) 638-1212  
Steve McClary, President  
Private  
Total Sales FYE 6/82: \$1,100,000  
*Computer Services Offered:* • Processing • Turnkey Systems

**Amcpr Computer Corporation**

*See:* American Express Company

**American Agency Data Systems**

915 N. Courtenay Parkway  
Merritt Island, FL 32952  
(800) 327-2742  
John W. Erb, President  
Private

**American Automated**

3420 Norman Berry Drive, Suite 235  
Atlanta, GA 30354  
(404) 768-3536  
Drew F. Burton, President  
Private  
Total Sales FYE 12/83: \$3,319,000  
*Computer Services Offered:* • Processing • Software Products

**American Bankers Association**

## DIVISIONS:

**BankWire**

225 Broadway  
New York, NY 10007  
(212) 619-0440  
Robert L. Kempser, President  
*Computer Services Offered:* • Processing

**American Brands, Inc.**

## SUBSIDIARIES:

**American Franklin Company**

Franklin Square  
Springfield, IL 62713  
(217) 528-2011  
James N. Cranwill, Manager  
Total Sales FYE 12/83: \$2,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products

**American Chemical Society**

## DIVISIONS:

**Chemical Abstracts Services (CAS)**

PO Box 3012  
Columbus, OH 43210  
(614) 421-6940  
Dale Baker, Director  
*Computer Services Offered:* • Processing

**American Computer Center**

*Name Changed to:* TKS Corporation

**American Computer Services, Inc.**

200 North Michigan Avenue  
Chicago, IL 60601  
(312) 372-8130  
Jeff Wecker, President  
Private

**American Computer Technology, Inc.**

## SUBSIDIARIES:

**Business Data Services, Inc.**

1821 Summit Rd.  
Cincinnati, OH 45237  
(513) 948-8607  
Robert D. Mattlin, President

**American Data Services, Inc.**

*See:* Orbanco, Inc.

**American Dynamic Systems & Services**

4000 MacArthur Boulevard, Suite 760  
Newport Beach, CA 92660  
(714) 833-1487  
Martin C. Glassman, President  
Private  
Total Sales FYE 12/81: \$600,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**American Educational Computer Inc.**

*See:* Economy Company, The

**American Express Company**

## SUBSIDIARIES:

**Fireman's Fund Insurance Co.**

1600 Los Gatos  
San Rafael, CA 94911  
(415) 485-6746



## Directory of Computer Services Companies

## SUBSIDIARIES:

**ARC Automation Group Inc.**

P O Box 1009  
Bryan, TX 77801  
(800)241-3930  
Robert Bower, Jr., President  
Cptr. Svcs. Revs. FYE 12/82: \$48,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**ARC Automation Services Inc.**

8505 Freeport Parkway P.O. Box 169063  
Irving, TX 75063  
(404)393-0750  
Bruce Isbell, President  
*Computer Services Offered:* • Processing • Turnkey Systems

## DIVISIONS:

**Amcort Computer Corporation**

1900 Plantside Drive  
Louisville, KY 40299  
(502) 491-9820  
Thomas E. Aubrey, President  
*Computer Services Offered:* • Software Products • Turnkey Systems

**American Franklin Company**

See: American Brands, Inc.

**American Hospital Supply Corp.**

One American Plaza  
Evanston, IL 60201  
(312) 866-4000  
Harold G. Bernthal, President

**American Information Services, Inc.**

Halsted at 17th Street  
Chicago Heights, IL 60411  
(312) 755-3770  
Roger A. Sampson, President  
Private  
Total Sales FYE 12/83: \$3,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**American Information Systems**

15 Walnut Street, PO Box 367  
Wellsboro, PA 16901  
(717) 724-1588  
Clint Kretnier, President  
Total Sales FYE 6/82: \$200,000  
*Computer Services Offered:* • Professional Services • Turnkey Systems

**American Integrity System Inc.**

1415 East McFadden Avenue, Suite A  
Santa Ana, CA 92705  
(718) 973-4756  
Kim Irvine, CEO  
Total Sales FYE 7/83: \$500,000 Est.  
*Computer Services Offered:* • Software Products

**American Key punch & Systems**

675 Massachusetts Ave.  
Cambridge, MA 02139  
(617) 492-0600  
Leonard Phillips, President  
Private  
Total Sales FYE 12/82: \$200,000 Est.  
*Computer Services Offered:* • Processing • Professional Services

**American Management Systems, Inc.**

1777 North Kent Street  
Arlington, VA 22209  
(703) 841-6000  
Charles O. Rossotti, President  
Public  
Total Sales FYE 12/83: \$79,196,000  
Cptr. Svcs. Revs. FYE 12/83: \$72,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

## SUBSIDIARIES:

**Executive Systems, Inc.**

4833 Rugby Avenue  
Bethesda, MD 20014  
(301) 656-1001  
Donald C. Weymer, President  
*Computer Services Offered:* • Processing

**American Medical International Inc.**

## SUBSIDIARIES:

**Professional Hospital Services**

12960 Coral Tree Place  
Los Angeles, CA 90066  
(213) 821-2323  
Revell B. Lamprecht, President

## DIVISIONS:

**Friesen International, Inc.**

6833 Beverly Road  
McLean, VA 22101  
(202) 424-1150  
M. Keith Weikel, Ph. D., President  
Total Sales FYE 7/81: \$1,300,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**American Microdynamics**

15910 Ventura Boulevard, No. 1400  
Encino, CA 91436  
(213) 788-6916  
Bruce Dean, Vice President

**American Resource Information, Inc.**

1300 Main, Suite 1535  
Houston, TX 77002  
(713) 651-0359  
Lawrence C. Wood, President  
*Computer Services Offered:* • Processing

**American Service Associates**

1965 New Hope Street  
Norristown, PA 19401  
(215) 275-3724  
M.A.R. Van Brakel, President  
Private



## Directory of Computer Services Companies

**American Software Corporation**

187 East Blithedale,  
Mill Valley, CA 94941  
(415) 381-1600  
Total Sales FYE 12/82: \$1,500,000 Est.  
*Computer Services Offered:* • Software Products

**American Software, Inc.**

443 East Paces Ferry Road,  
Atlanta, GA 30305  
(404) 261-4381  
James C. Edenfield, President  
Public  
Total Sales FYE 4/84: \$21,078,280  
*Computer Services Offered:* • Processing • Software Products

**American Trucking Association Inc.**

## SUBSIDIARIES:

**ATA Services, Inc.**

1616 P St. NW  
Washington, DC 20036  
(202) 797-5373  
Ron Knott, Director of Data Processing  
Private

**American Valuation Consultants Inc.**

See: Valuation Research Corporation

**American Viking Enterprises Inc.**

P.O. Box 1232  
Lynnwood, WA 98036  
(206) 771-4794  
Grant Giski, President  
*Computer Services Offered:* • Software Products

**AmeriTrust Corporation**

900 Euclid Avenue  
Cleveland, OH 44101  
(216) 687-5000  
Jerry V. Jarrett, Chairman and CEO  
Public

## DIVISIONS:

**PM Computer Services Company**

630 30th Street N.W.  
Canton, OH 44709  
(216) 489-1885  
James W. Sanderbeck, Vice President  
Total Sales FYE 12/83: \$2,500,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Amherst Associates Inc.**

20 North Clark Street  
Chicago, IL 60602  
(312) 332-0500  
M. King Deets, Ph.D., President  
Public  
Total Sales FYE 12/83: \$21,044,576  
Cptr. Svcs. Revs. FYE 12/83: \$13,566,509  
*Computer Services Offered:* • Processing • Turnkey Systems

**Amersand Corporation**

128 S. George Street, P.O. Box M-84  
York, PA 17405  
(717) 845-5603  
Dale R. Smith, Jr., President  
Private  
Total Sales FYE 12/81: \$410,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Anacomp Business Systems, Inc.**

See: Anacomp, Inc.

**Anacomp Computer Management, Inc.**

See: Anacomp, Inc.

**Anacomp, Inc.**

11550 North Meridian Street, P.O. Box 40888  
Indianapolis, IN 46240  
(317) 844-9666  
Ronald D. Palamara, Chairman and CEO  
Public  
Total Sales FYE 6/83: \$172,184,000  
Cptr. Svcs. Revs. FYE 6/83: \$154,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Access Data Systems, Inc.**

3611 Black Canyon, N.  
Phoenix, AZ 85015  
(602) 264-2430

**Anacomp Business Systems, Inc.**

100 Oceanate, Ste. 720  
Long Beach, CA 90802  
(213) 435-7041

**Anacomp Computer Management, Inc.**

1621 Euclid Avenue 1100 Keith Building  
Cleveland, OH 44114  
(216) 579-0080  
David D. Ludwig, President

**ERCO**

1600 S. Brown Street  
Dayton, OH 45409  
(513) 228-8051  
Jack Sowder, President

**Escom, Inc.**

12838 S.E. 40th Place  
Bellevue, WA 98006  
(206) 641-4990  
John Craig, General Manager  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Analex Computing, Inc.**

5222 Richmond Road  
Cleveland, OH 44146  
(216) 464-5013  
Mark Little, President  
Private  
Total Sales FYE 7/84: \$250,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

## Directory of Computer Services Companies

**Analysis & Computer Systems, Inc.**

54 Middlesex Turnpike  
Bedford, MA 01730  
(617) 275-5800  
William Delaney, President  
Private  
Total Sales FYE 7/83: \$5,000,000 Est.  
Computer Services Offered: • Software Products

**Analysis and Programming Corporation**

180 West Putnam  
Greenwich, CT 06830  
(203) 661-4146  
Walter B. Nelson, President  
Private  
Total Sales FYE 6/83: \$14,000,000 Est.  
Computer Services Offered: • Processing • Professional Services

**Analysis and Technology, Inc.**

Technology Park, P.O. Box 220  
North Stonington, CT 06359  
(203) 599-3910  
A. Theodore Mollegen, Jr., President  
Private

Total Sales FYE 3/84: \$37,300,000  
Cptr. Svcs. Revs. FYE 3/84: \$7,500,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services

## SUBSIDIARIES:

**A & T Technical Services**

258 Bank Street  
New London, CT 06320  
(203) 444-0827  
Stephen M. Wood, President  
Computer Services Offered: • Software Products • Professional Services

**Structured Technology Corporation**

214 Howard Street  
New London, CT 06320  
(203) 447-3323  
Pat Halefiras, President  
Computer Services Offered: • Software Products • Professional Services

**Analysts International Corporation**

7615 Metro Boulevard  
Minneapolis, MN 55435  
(612) 835-2330  
Frederick W. Lang, President  
Public  
Total Sales FYE 6/84: \$30,687,000  
Computer Services Offered: • Software Products • Professional Services

**Analytics Inc.**

2500 Maryland Road  
Willow Grove, PA 19090  
(215) 657-4100  
Steve Lieboldt, President  
Private  
Total Sales FYE 12/83: \$14,000,000 Est.  
Computer Services Offered: • Software Products • Professional Services

**Andover Data Services, Inc.**

145 E. 32nd Street  
New York, NY 10016  
(212) 685-1321  
Joan Cosgrove, President

**Anstat, Inc.**

1120 Avenue of the Americas  
New York, NY 10036  
(212) 840-6868  
Leon Weisburgh, President  
Public  
Total Sales FYE 9/83: \$3,000,000  
Computer Services Offered: • Processing

**Anthusion Inc.**

589 Grand Boulevard  
Venice, CA 90291  
(213) 392-1343  
Will McWhinney, President  
Private

**Apex Data Processing Inc.**

950 South Eastern Avenue  
Los Angeles, CA 90022  
(213) 264-3600  
Lester A. Warner, President  
Private  
Total Sales FYE 12/83: \$1,500,000  
Computer Services Offered: • Processing • Software Products • Professional Services

**Apex Data Systems**

6464 East Grant Road  
Tucson, AZ 85715  
(602) 298-1991  
Dwight Babbcock, President  
Private  
Total Sales FYE 3/84: \$3,000,000 Est.  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**Apparel Management Systems**

See: Siltan Data

**Apple Computer**

20525 Mariani Avenue  
Cupertino, CA 95014  
(408) 996-1010  
A. C. Markkula Jr., President  
Public  
Total Sales FYE 9/83: \$982,769,000  
Cptr. Svcs. Revs. FYE 9/83: \$78,600,000 Est.  
Computer Services Offered: • Software Products

**Application Development Systems, Inc.**

1530 Meridian Avenue  
San Jose, CA 95125  
(408) 264-2272  
Edward F. Harris, President  
Private  
Total Sales FYE 12/83: \$6,000,000 Est.  
Computer Services Offered: • Software Products

# Directory of Computer Services Companies

## Application Systems International

1006 Burning Tree  
Houston, TX 77339  
(713) 358-9099  
Ed Martin, President  
Private

## Applications Data Enterprises

1309 East Carson Street  
Carson, CA 90746  
(213) 775-4116  
Norman Bohana, President  
Private

## Applications Programming Co.

11 West 2nd  
Moorestown, NJ 08057  
(609) 234-0099  
Charles Bouman, President  
Private

## Applications Software, Inc.

21515 Hawthorne Boulevard  
Torrance, CA 90503  
(213) 540-0111  
Donald H. Sundeen, President  
Private  
Total Sales FYE 6/84: \$2,500,000 Est.  
Computer Services Offered: • Software Products

## Applicon Inc.

See: Schlumberger Ltd.

## Applied Business Systems

1817 Springfield  
Spokane, WA 99202  
(509) 624-3203  
John Bowers, President  
Private  
Total Sales FYE 3/83: \$710,000  
Cptr. Svcs. Revs. FYE 3/83: \$390,000  
Computer Services Offered: • Processing

## Applied Business Systems

3303 Harbor Boulevard, Suite B-6  
Costa Mesa, CA 92626  
(714) 549-9309  
John W. Rhinesmith Jr., President  
Total Sales FYE 7/82: \$1,000,000 Est.  
Computer Services Offered: • Software Products • Turnkey Systems

## Applied Business Systems, Inc.

721 South Emperia  
Wichita, KS 67211  
(316) 262-6118  
Randall Johnson, President  
Private  
Total Sales FYE 6/81: \$150,000  
Computer Services Offered: • Processing • Professional Services • Turnkey Systems

## Applied Business Technologies Inc.

370 Reed Road, Suite 251  
Broomall, PA 19008  
(215) 328-7676  
David K. Moldoff, President  
Private  
Total Sales FYE 12/83: \$400,000  
Computer Services Offered: • Software Products • Turnkey Systems

## Applied Color Systems, Inc.

P.O. Box 5800  
Princeton, NJ 08540  
(609) 924-2189  
Donald Hall, President

## Applied Communications, Inc.

206 South 108th Avenue  
Omaha, NE 68154  
(402) 330-3732  
George F. Haddix, President  
Public  
Total Sales FYE 9/83: \$14,599,250  
Computer Services Offered: • Software Products • Professional Services

## Applied Computer Associates, Inc.

966 Hungerford Drive, No. 8  
Rockville, MD 20850  
(301) 340-0100  
Chris A. Amorri, Vice President, G.M.  
Total Sales FYE 4/84: \$300,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

## Applied Computer Enterprises, Inc.

See: Bush, Lloyd and Associates

## Applied Computer Services Inc.

7350 W. College Dr.  
Palos Heights, IL 60463  
(312) 448-0837  
Peter Wilzak, President  
Private

## Applied Computer Technology Application Software Division

60 South Hartford Turnpike  
Wallingford, CT 06492  
(203) 776-7743  
Walter H. Chudleigh, Managing Partner

## Applied Computing Devices

1318 Ohio Street  
Terre Haute, IN 47807  
(812) 232-6051  
W. D. Shindell, President  
Private

Computer Services Offered: • Turnkey Systems

## Applied Computing Technologies Inc.

P.O. Box 765  
Murray, KY 42071  
(502) 759-4779  
William Hodge, President  
Private  
Computer Services Offered: • Software Products • Professional Services

## Directory of Computer Services Companies

**Applied Cybernetics Inc.**

224 Camino del Cerro  
Los Gatos, CA 95030  
(408) 356-7296  
John E. Hume, President

**Applied Data Research, Inc.**

Route 206 & Orchard Road, CN-8  
Princeton, NJ 08540  
(201) 874-9000  
John R. Bennett, Chairman and CEO  
Public

Total Sales FYE 12/83: \$89,086,000  
Cptr. Svcs. Revs. FYE 12/83: \$85,500,000 Est.  
Computer Services Offered: • Software Products • Professional Services

## SUBSIDIARIES:

**ADR International Corp.**

Route 206 Center, CN-8  
Princeton, NJ 08540  
(609) 921-8550  
Patrick R. Capone, President

**ADR Services, Inc.**

800 Follin Lane  
Vienna, VA 22180  
(703) 281-2000  
Walter M. Cox, President

**Massachusetts Computer Associates, Inc. (COMPASS)**

26 Princess Ave.  
Wakefield, MA 01880  
(617) 245-9540  
David B. Loveman, III, President

**Applied Data Services**

1550 Flower Street  
Glendale, CA 91201  
(213) 956-1646  
Dave Coriati, President  
Private

**Applied Data Systems, Inc.**

8233 Via Paso Del Norte  
Scottsdale, AZ 85258  
(602) 998-3980  
H. Ager, President  
Private  
Total Sales FYE 6/84: \$3,000,000 Est.  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**Applied Data, Inc. (ADI)**

33 Bernhard Road  
North Haven, CT 06473  
(203) 787-4107  
Dilip M. Advani, President  
Public  
Total Sales FYE 12/82: \$2,753,006  
Computer Services Offered: • Processing • Turnkey Systems

**Applied Decision Systems**

33 Hayden Avenue  
Lexington, MA 02173  
(617) 861-7580  
Carl Sloane, President

**Applied Design Company Inc.**

See: Adcon

**Applied Digital Data Systems, Inc.**

See: NCR Corporation

**Applied Dynamics Inc.**

3035 Directors Row, Suite 1310  
Memphis, TN 38131  
(901) 345-3211  
E.G. Lawrence, President  
Private

**Applied Information Development (AID), Inc.**

823 Commerce Drive  
Oak Brook, IL 60521  
(312) 654-3030  
Lee Munder, President  
Private  
Total Sales FYE 12/83: \$17,500,000 Est.  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**Applied Information Dynamics, Inc.**

111 Mandala Court  
Walnut Creek, CA 94596  
(415) 934-2504  
Dennis Sorensen, President  
Computer Services Offered: • Software Products

**Applied Information Systems, Inc. (AIS)**

500 Eastowne Drive, Suite 207  
Chapel Hill, NC 27514  
(919) 942-7801  
Arthur W. Coston, President  
Private  
Total Sales FYE 12/83: \$500,000 Est.  
Computer Services Offered: • Software Products

**Applied Intelligence Inc.**

1043 Stierlin Road  
Mountain View, CA 94043  
(415) 967-3512  
Gilbert B. Shepherd, President and CEO  
Private  
Computer Services Offered: • Software Products • Professional Services

**Applied Management Sciences**

962 Wayne Avenue  
Silver Springs, MD 20910  
(301) 583-8181  
Todd Tucker, President  
Private  
Total Sales FYE 9/83: \$11,000,000 Est.  
Cptr. Svcs. Revs. FYE 9/83: \$500,000 Est.  
Computer Services Offered: • Professional Services

## Directory of Computer Services Companies

**Applied Management Systems Inc.**

5821 Park Road, Suite 204

Charlotte, NC 28209

(704) 554-8720

Stanford R. Brookshire Jr., President  
Private

Total Sales FYE 2/83: \$3,000,000

*Computer Services Offered:* • Professional Services**Applied Microcomputer Systems**

PO Box 150

Silver Lake, NH 03875

(603) 367-8004

Peter Smart, President

Private

*Computer Services Offered:* • Software Products •  
Professional Services**Applied Research Inc.**

6151 West Century Boulevard, Suite 216

Los Angeles, CA 90045

(213) 670-0811

Harold D. Bradley, President

Private

Total Sales FYE 12/83: \$12,500,000 Est.

*Computer Services Offered:* • Software Products •  
Professional Services**Applied Software Inc.**

440 PGA Boulevard, Suite 204

Palm Beach Gardens, FL 33410

(305) 626-4818

Walter Josephson, President

**Applied Software Technology**

14125 Capri Drive

Los Gatos, CA 95030

(408) 370-2662

Joseph Landau, President

*Computer Services Offered:* • Software Products**Applied Systems Associates**

2681 Mossie Blvd., 212 Community Plaza E.

Monroeville, PA 15146

(412) 373-2780

James S. Leib, President

Private

**Applied Systems Corporation**

26401 Harper Avenue

St. Clair Shores, MI 48081

(313) 779-8700

Marty Wyrod, President

Private

**Apro Systems, Inc.**

1400 Broadway

New York, NY 10018

(212) 221-6800

Mel Mintz, President

*Computer Services Offered:* • Software Products**Aptech Computer Systems, Inc.**

135 Delta Drive

Pittsburgh, PA 15238

(412) 782-5550

Jay Troutman, President

Private

**Aquas Inc.**

7768 Woodmont Avenue

Bethlehem, MD 20014

(301) 654-4000

Carmen Larsen, President

*Computer Services Offered:* • Processing**Aquix Advanced Systems Corp.**

## DIVISIONS:

**Players Computer Inc.**

140 Adams Boulevard

Farmingdale, NY 11735

(516) 694-4660

Christian Kropac, President

Total Sales FYE 3/84: \$5,000,000 Est.

*Computer Services Offered:* • Processing • Software  
Products • Turnkey Systems**Arbat Systems, Ltd.***Acquired by/merged with:* Control Data Corporation**Arbitron***See:* Control Data Corporation**Arcola Software***See:* Thomas Monahan Co., The**Area Computer Services, Inc.**

7890 Ulmerton Road

Largo, FL 33540

(813) 535-9801

Ted Schommer, President

Private

Total Sales FYE 2/82: \$650,000

*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems**Argo Data Resource Corporation**

15301 Dallas Parkway, Suite 680

Dallas, TX 75248

(214) 386-4949

Max L. Martin, President

Private

Total Sales FYE 9/83: \$2,000,000

*Computer Services Offered:* • Software Products**Argonaut Information Systems of Kansas***See:* Argonaut Information Systems, Inc.**Argonaut Information Systems, Inc.**

383 Grand Avenue, Suite 5

Oakland, CA 94610

(415) 444-5954

Luanne James, President

Private

Total Sales FYE 11/82: \$2,100,000

*Computer Services Offered:* • Software Products

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Argonaut Information Systems of Kansas**

4210 Johnson Drive  
Fairway, KS 66205  
(913) 649-2900  
Ronald Tull, President

*Computer Services Offered:* • Turnkey Systems

**Argos**

200 Madison Avenue  
New York, NY 10016  
(212) 684-4640  
Aric Rosenback, President

Private

Total Sales FYE 6/81: \$1,125,000 Est.

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Argus Engineering Inc.**

Box 225  
Elmhurst, IL 60126  
(312) 528-7433  
Robert Gustafson, President

**Aries Information Systems, Inc.**

7400 Metro Boulevard, Suite 370  
Minneapolis, MN 55435  
(612) 835-2366  
Charlene Baden, President

Private

**Arinco Computer Systems Inc.**

510 Jose Street  
Santa Fe, NM 87501  
(505) 988-9743  
Arthur V. Rubino, President

Private

**Arizona Computer Services Inc.**

P.O. Box 16245  
Phoenix, AZ 85011  
(602) 263-8958  
Felix Cisek, President

**Ark Data Systems, Inc.**

4434 N. 12th Street, Suite 202  
Phoenix, AZ 85014  
(602) 274-3529  
Allen R. Kislung, President

Private

*Computer Services Offered:* • Professional Services • Turnkey Systems

**Arkansas Best Corporation**

## SUBSIDIARIES:

**Data-Tronics Corporation**

310 Towson Avenue  
Fort Smith, AR 72901  
(501) 785-6331  
Jerry Yarbrough, President

Total Sales FYE 12/81: \$2,000,000 Est.

*Computer Services Offered:* • Processing

**Arkansas Systems Inc.**

8901 Kanis Road, Suite 206  
Little Rock, AR 72205  
(501) 227-8471  
James K. Hendren, President

Private

**Arkay Computer Inc.**

*Acquired/Merged With:* Computer Associates International, Inc.

**Arlington Software & Systems Corporation**

400 Massachusetts Avenue  
Arlington, MA 02174  
(617) 641-0290  
Peter Brajer, President

Private

Total Sales FYE 7/84: \$1,250,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Arms, Inc.**

*See:* NSA, Inc.

**Arnoudse & Ouellette**

PO Box 4651  
Manchester, NH 03108  
(603) 742-9055  
Donald M. Arnoudse, President

Private

Total Sales FYE 4/84: \$125,000

*Computer Services Offered:* • Processing • Professional Services

**Arrays, Inc.**

## DIVISIONS:

**Continental Software**

11223 South Hindry Avenue  
Los Angeles, CA 90045  
(213) 410-3977  
Jim Sadlier, President

Private

Total Sales FYE 11/82: \$4,500,000

*Computer Services Offered:* • Software Products

**Arrigoni Technology, Inc.**

14127 Capri Drive  
Los Gatos, CA 95030  
(408) 370-1400  
David M. Arrigoni, President

Private

*Computer Services Offered:* • Turnkey Systems

**Arthur Anderson & Company**

33 West Monroe Street  
Chicago, IL 60603  
(312) 580-0033  
Duane R. Kullberg, Managing Partner And CEO

Public

Total Sales FYE 8/83: \$1,238,000,000

Cptr. Svcs. Revs. FYE 8/83: \$329,000,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

## Directory of Computer Services Companies

**Arthur Young & Co.**

277 Park Avenue  
New York, NY 10017  
(212) 922-3132  
Private  
Cptr. Svcs. Revs. FYE 7/83: \$52,500,000 Est.  
*Computer Services Offered:* • Professional Services

**Articulate Publications**

402 North Larchmont Boulevard  
Los Angeles, CA 90004  
(213) 871-1350  
John Stuppy, President  
Private  
Total Sales FYE 12/82: \$500,000 Est.  
*Computer Services Offered:* • Software Products

**Artificial Intelligence Corporation**

100 Fifth Avenue  
Waltham, MA 02254  
(617) 890-8400  
Larry R. Harris, President  
Private  
Total Sales FYE 3/84: \$5,000,000 Est.  
*Computer Services Offered:* • Software Products

**Artronic Information Systems Inc.**

P O Box 35A  
Tarrytown, NY 10591  
Arthur A. Katz, President  
Private

**Artsci, Inc.**

5547 Satsuma Avenue  
North Hollywood, CA 91601  
(213) 985-5763  
William Smith, President  
Private  
Total Sales FYE 7/83: \$1,000,000  
*Computer Services Offered:* • Software Products

**Arvin Industries, Inc.**

## SUBSIDIARIES:

**Calspan Corporation Advanced Technology Center**

4455 Genesee Street  
Buffalo, NY 14225  
(716) 632-7500  
Orie Fritts, President  
Total Sales FYE 12/81: \$80,000,000 Est.  
Cptr. Svcs. Revs. FYE 12/81: \$11,500,000 Est.  
*Computer Services Offered:* • Professional Services

**Ash Data Services**

623 South Wabash, 5th Floor  
Chicago, IL 60609  
(312) 663-3550  
Richard Ash, President  
Private

**Ashton-Tate**

10150 West Jefferson Boulevard  
Culver City, CA 90230  
(213) 204-5570  
Edward M. Esber, President  
Public  
Total Sales FYE 1/84: \$39,846,000  
Cptr. Svcs. Revs. FYE 1/84: \$38,250,000 Est.  
*Computer Services Offered:* • Software Products

**Asist**

22150 Greenfield Rd.  
Detroit, MI 48237  
(313) 968-2121  
Dennis McDermitt, President  
Total Sales FYE 7/81: \$5,000,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**ASK Computer Systems, Inc.**

730 Distel Drive  
Los Altos, CA 94022  
(415) 969-4442  
Ronald Braniff, President  
Public  
Total Sales FYE 6/84: \$65,076,361  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Aspen Computer Services**

P.O. Box 10550  
Aspen, CO 81611  
(303) 925-5544  
Donald Voltmer, President  
Private

**Aspen Systems Corporation**

See: Informatie en Communicatie Unie of The Netherlands

**Aspen Technology**

251 Vassar Street  
Cambridge, MA 02139  
(617) 497-9010  
Lawrence B. Evans, President  
Private  
Total Sales FYE 4/83: \$1,700,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Asset Data Systems Inc.**

See: North American National Corporation

**Associated Computer Management Specialists, Inc. (ACMSI)**

30785 Grand River Avenue  
Farmington Hills, MI 48024  
(313) 474-8686  
Richard C. Oras, President  
Private  
Total Sales FYE 12/83: \$500,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Associated Computer Services**

13700 S.W. 72nd Avenue, Box 23097  
Portland, OR 97223  
(503) 620-0440  
Craig G. Nelson, President  
Private  
*Computer Services Offered:* • Processing



## Directory of Computer Services Companies

**Associated Credit Services, Inc.**

See: Computer Sciences Corporation

**Associated Press**50 Rockefeller Plaza  
New York, NY 10020  
(212) 621-1732

Private

Cptr. Svcs. Revs. FYE 12/83: \$16,000,000 Est.

Computer Services Offered: • Processing

**Association Systems Inc. (ASI)**P.O. Box 768  
Weehawken, NJ 07087  
(201) 865-3333

Steve Silk, President

Private

**Astradyne Computer Industries, Inc.**1122 Franklin Avenue  
Garden City, NY 11530  
(516) 742-9500

Seymour Egel, President

Public

Total Sales FYE 12/83: \$10,429,006

Cptr. Svcs. Revs. FYE 12/83: \$7,800,000 Est.

Computer Services Offered: • Processing • Software

Products • Professional Services

**Astrocom Corporation**120 W. Plato Blvd.  
St. Paul, MN 55107  
(612) 227-8651

Sidney N. Jerson, Chairman and President

**Atlanta Data Processing Service**6065 Barfield Road, Suite 118  
Atlanta, GA 30328  
(404) 252-9481

Ray Espinosa, President

Private

Computer Services Offered: • Turnkey Systems

**Atlantic Computing Corporation**1447 Peachtree Street N.E.  
Atlanta, GA 30309  
(404) 892-1895

Gene White, President

**Atlantic Data Services, Inc.**Battery March Park  
Quincy, MA 02169  
(617) 770-3333

Robert Howe, President

Private

Computer Services Offered: • Processing • Software

Products • Professional Services • Turnkey Systems

**Atlantic Management Systems**Merged with International Systems, Inc. to Form: AGS  
Management Inc.**Auditek Inc.**875 Avenue of the Americas  
New York, NY 10001  
(212) 564-3140

Gerald M. Kahn, President

Private

**Auragen Systems Corporation**2 Executive Drive  
Fort Lee, NJ 07024  
(201) 461-3400

Rick Martin, President

Private

Total Sales FYE 12/82: \$5,000,000 Est.

Computer Services Offered: • Processing • Software  
Products**Autex Systems**

See: Xerox Corporation

**Authorization Systems Inc.**11400 Rockville Pike  
Rockville, MD 20852  
(301) 770-1625

Harry Saxon, President

Computer Services Offered: • Processing • Professional  
Services**Auto Tell Services, Inc.**600 Clark Avenue  
King of Prussia, PA 19406  
(215) 768-0200

Guy E. Warner, President

Private

Total Sales FYE 9/83: \$6,430,000

Cptr. Svcs. Revs. FYE 9/83: \$5,658,000 Est.

Computer Services Offered: • Processing • Turnkey  
Systems**Auto-trol Technology Corporation**12500 North Washington Street  
Denver, CO 80233  
(303) 452-4919

Howard B. Hillman, Chairman

Public

Total Sales FYE 12/83: \$54,129,000

Computer Services Offered: • Turnkey Systems

**Autodesk, Inc.**150 Shoreline Highway, Building B20  
Mill Valley, CA 94941  
(415) 331-0356

John Walker, President

Private

Total Sales FYE 1/84: \$1,200,000 Est.

Computer Services Offered: • Software Products

**Automated Bookkeeping Corporation**330 W. 42nd Street, 29th Floor  
New York, NY 10036  
(212) 947-7741

Sigman Bahr, President

Private



## Directory of Computer Services Companies

**Automated Business Services, Inc.**

6525 Belcrest Rd.  
Hyattsville, MD 20782  
(301) 277-4141  
Theodore Howard, President  
Private

**Automated Business Systems**

*Merged with: Computer Task Group Inc.*

**Automated Computer Services**

*See: Continental Financial Services*

**Automated Concepts, Inc.**

386 Park Avenue South  
New York, NY 10016  
(212) 725-4540  
Fredrick Harris, President  
Private  
Total Sales FYE 12/83: \$14,000,000 Est.  
*Computer Services Offered:* • Professional Services

**Automated Data Services, Inc.**

617 Sonora Court  
Cincinnati, OH 45215  
(513) 579-0666  
Jay Hiltbrand, President  
Private

**Automated Design Centers**

19401 S. Vermont Avenue, Bldg B-100  
Torrance, CA 90502  
(213) 327-7744  
John Cought, President  
*Computer Services Offered:* • Processing

**Automated Financial Systems Inc.**

1016 W. 8th Avenue  
King of Prussia, PA 19406  
(215) 337-3200  
James E. Greenwood, President  
Private  
Total Sales FYE 4/84: \$4,000,000 Est.  
*Computer Services Offered:* • Software Products

**Automated Fleet Services, Inc.**

*Acquired/Merged: Cogito Data Systems, Inc.*

**Automated Health Services, Inc.**

*Acquired/merged: Informatics General Corporation*

**Automated Information Inc.**

6710 Clayton  
Richmond Heights, MO 63117  
(314) 644-4050  
Robert Love, President  
Private

**Automated Language Processing Systems (ALPS)**

190 West 800 North  
Provo, UT 84601  
(801) 375-0090  
W.R. Mahoney, President  
Private  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Automated Management, Inc.**

1313 Valwood, Suite 200  
Carrollton, TX 75006  
(214) 620-1700  
David B. Heroy, President  
Private  
Total Sales FYE 6/83: \$500,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Automated Medical Associates, Inc.**

*Acquired/merged with: Pearl Data Systems, Inc.*

**Automated Medical Billing Inc.**

30 South Ocean Ave.  
Freeport, NY 11520  
(516) 378-1135  
Michael Kemp, President  
Private  
Total Sales FYE 2/83: \$600,000 Est.  
*Computer Services Offered:* • Processing • Turnkey Systems

**Automated Quill Inc.**

3501 South Corona  
Englewood, CO 80110  
(303) 761-2722  
Vincent J. Lawrence, President  
Private  
Total Sales FYE 12/83: \$1,500,000  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Automated Resource Management Inc.**

6055 Jackson Rd.  
Ann Arbor, MI 48103  
(313) 994-6121  
Grant Cook, President  
Private

**Automated Resources Group Inc.**

120 Pleasant Ave.  
Upper Saddle River, NJ 07458  
(201) 825-8100  
Tom Amoriello, President  
Private

**Automated Science Group, Inc.**

700 Roeder Road  
Silver Spring, MD 20910  
(301) 587-8750  
Clarence Braddock, President  
Private  
Total Sales FYE 3/81: \$3,800,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Automated Systems**

888 N. Sepulveda Blvd.  
El Segundo, CA 90245  
(213) 615-0204  
Terry Falque, General Manager

**Automated Systems Consultants Inc. (ASCI)**

10820 W. 64th Street, Suite 103B  
Shawnee, KS 66203  
(913) 268-8600  
Lee Holt, President  
Private  
Total Sales FYE 9/83: \$2,900,000 Est.  
*Computer Services Offered:* • Professional Services

## Directory of Computer Services Companies

**Automated Systems, Inc.**

345 W. Second Street  
Dayton, OH 45402  
(513) 223-9522  
Robert C. Zinck, Jr., President

Private

Total Sales FYE 12/83: \$885,000 Est.

Computer Services Offered: • Processing • Professional Services • Turnkey Systems

**Automated Teller Machine Services Group**

245 W. Elmwood Dr.  
Dayton, OH 45459  
(614) 435-2335

Computer Services Offered: • Software Products

**Automatic Business Centers, Inc.**

P.O. Box 826  
Morristown, NJ 08057  
(609) 235-1800  
George F. Raymond, President

Private

Total Sales FYE 12/83: \$11,000,000 Est.

Computer Services Offered: • Processing

**Automatic Data Processing Inc.**

One ADP Boulevard  
Roseland, NJ 07068  
(201) 994-5000  
Josh S. Weston, President

Public

Total Sales FYE 6/84: \$888,914,000

Computer Services Offered: • Processing • Professional Services • Turnkey Systems

## DIVISIONS:

**ADP Banking Services Division**

2091 Springdale Road  
Cherry Hill, NJ 08034  
(609) 424-0150  
Lynn Mangum, President

**ADP Brokerage Services Division**

42 Broadway  
New York, NY 10004  
(212) 344-6010  
W.F. Sullivan, E. Zipkis, Presidents

**ADP Collision Estimating Services Inc.**

2380 W. Winton  
Hayward, CA 94545  
(415) 783-4344  
Goren Staglin, President

**ADP Commercial Services Division**

One ADP Boulevard  
Roseland, NJ 07068  
(201) 994-5000  
William Neal, President

**ADP Contrend Division**

25 Third Street  
Stanford, CT 06905  
(203) 357-1611  
Jim Fraser, President

**ADP Dealer Services Division**

920 E. Algonquin Road  
Schaumburg, IL 60194  
(312) 397-1700  
David Torrence, President

**ADP Electronic Financial Services Division**

203 Main Avenue  
Clifton, NJ 07015  
(201) 365-7314

**ADP Financial Information Services**

East Park Drive  
Mount Laurel, NJ 08054  
(609) 235-7300  
John Gaven, President

**ADP National Accounts Division**

5680 New Northside Drive  
Atlanta, GA 30328  
(404) 955-3600  
Gary Butler, President

**ADP Network Services Division**

175 Jackson Plaza  
Ann Arbor, MI 48106  
(313) 769-6800  
Kenneth W. Draeger, President

**ADP Telephone Computing Services**

1020 John Street  
Seattle, WA 98109  
(206) 682-8482  
Howard Phillips, President  
Computer Services Offered: • Processing

**ADP Thrift Services Division**

3300 Main Street  
Houston, TX 77002  
(713) 526-8911  
Lynn Mangum, President

**Automation Consultants International**

18070 Lake Encino Drive  
Encino, CA 91316  
(213) 344-9270  
Alan L. Stewart, Director  
Private

**Automation Consultants**

610 Santa Cruz Ave.  
Menlo Park, CA 94025  
(415) 326-4031  
Alan Carl, President  
Private

**Automation Inc.**

1904 Farnam Street  
Omaha, NE 68102  
(402) 342-3346  
D.R. Dale, President  
Private

# Directory of Computer Services Companies

## Automation Management Services, Inc. (AMS)

16535 W. Bluemound Rd. Suite 230  
Brookfield, WI 53005  
(414) 784-3500  
John Knopp, President  
Private

## AutoScript, Inc.

11 Mountain Ave  
Bloomfield, CT 06002  
(203) 242-2358  
John Grise, President  
Private

## Autumn Software Corporation

7926 Jones Branch Drive  
Mc Lean, VA 22102  
(703) 734-9590  
George A. Thompson, President  
Private  
Total Sales FYE 12/83: \$75,000  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

## Auxton Computer Enterprises, Inc.

851 Trafalgar Court  
Maitland, FL 32751  
(305) 425-3300  
Cheryl E. Galloway, President and CEO  
Public  
Total Sales FYE 12/83: \$19,514,072  
Cptr. Svcs. Revs. FYE 12/83: \$18,786,000  
Computer Services Offered: • Processing • Software  
Products • Professional Services

## AVANT-GARDE Computing, Inc.

8000 Commerce Parkway  
Mt. Laurel, NJ 08054  
(609) 778-7000  
Timothy P. Ahlstrom, President  
Public  
Total Sales FYE 4/84: \$15,396,000  
Computer Services Offered: • Turnkey Systems

## Avar and Associates

414 N. Winnebago Drive  
Greenwood, MO 64034  
(816) 623-3188  
Sterling Weaver, President  
Private

## Avco Computer Services

See: Avco Corporation

## Avco Corporation

1275 King Street  
Greenwich, CT 06830  
(203) 531-2800  
Donald K. Farrar, President  
Public

## DIVISIONS:

### Avco Computer Services

201 Lowell Street  
Wilmington, MA 01887  
(617) 729-7700  
Richard E. Bibaud, Vice President  
Total Sales FYE 11/83: \$20,400,000  
Cptr. Svcs. Revs. FYE 11/83: \$9,600,000 Est.  
Computer Services Offered: • Processing

### Aviation Information Services Inc.

3333 Quebec St., Suite 8700  
Denver, CO 80207  
(303) 393-0136  
Robert D. Lewis, President  
Private  
Total Sales FYE 6/82: \$1,500,000  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

### Axios Group

2364 Middle Country Rd.  
Centereach, NY 11720  
(516) 588-5461  
David S. Kirk, President  
Private  
Total Sales FYE 9/81: \$1,250,000  
Computer Services Offered: • Software Products •  
Professional Services

### Axxess Information Systems, Inc.

200 Central Ave  
Mountainside, NJ 07092  
(201) 232-7600  
Frank Petillo, President  
Private  
Total Sales FYE 6/81: \$4,500,000  
Computer Services Offered: • Turnkey Systems

### Aya Associates Inc. (AAL)

275 Forest Avenue  
Paramus, NJ 07652  
(201) 967-0770  
Edgar H. Aya, President  
Private  
Total Sales FYE 12/84: \$1,100,000 Est.  
Computer Services Offered: • Software Products • Turnkey  
Systems

### Ayers-Whitmore

55 East 52nd Street, 16th Floor  
New York, NY 10055  
(212) 752-3606  
Emory D. Ayers, Managing Director  
Private  
Total Sales FYE 6/82: \$2,000,000 Est.  
Cptr. Svcs. Revs. FYE 6/82: \$360,000 Est.  
Computer Services Offered: • Professional Services

### Azrex, Inc.

3 Mountain Road  
Burlington, MA 01803  
(617) 272-8750  
David McIlhenny, President  
Private  
Total Sales FYE 6/83: \$1,500,000  
Computer Services Offered: • Software Products

## Directory of Computer Services Companies

**Aztech Corporation**

1621 Connecticut Avenue, N.W.  
Washington, DC 20009  
(202) 232-5500  
John Rollins, President

Private

*Computer Services Offered:* • Processing • Turnkey Systems

**Aztech Data Processing, Inc.**

97-45 Queens Boulevard  
Forest Hills, NY 11374  
(212) 897-2400  
Leonard Minowitz, President

Private

*Computer Services Offered:* • Processing

**B.K. Dynamics**

3204 Monroe St PO Box 6012  
Rockville, MD 20850  
(301) 984-7300  
Philip G. Bernard, President

Private

Total Sales FYE 12/81: \$8,000,000 Est.

*Computer Services Offered:* • Professional Services

**B-H Computer Systems Inc.**

*See:* Tacc Resources, Inc.

**BA Managistics**

*See:* BankAmerica Corporation

**BBN Software Products Corporation**

*See:* Bolt Beranck and Newman, Inc.

**BDM International, Inc.**

7915 Jones Branch Drive  
McLean, VA 22102  
(703) 821-5000  
Earle C. Williams, President

Public

Total Sales FYE 12/83: \$151,144,000

Cptr. Svcs. Revs. FYE 12/83: \$30,000,000 Est.

*Computer Services Offered:* • Professional Services

**BDR, Inc.**

17 East 45th Street  
New York, NY 10017  
(212) 687-0333  
Joseph Buonomo, President

Private

**BGS Systems, Inc.**

One University Office Park  
Waltham, MA 02254  
(617) 891-0000  
Harold Schwenk, Jr., President

Public

Total Sales FYE 1/84: \$9,191,992

*Computer Services Offered:* • Software Products • Professional Services

**BIS, Inc.**

110 Wall Street  
New York, NY 10005  
(212) 269-0770  
Ian D. Muir, President

Private

Total Sales FYE 2/84: \$6,000,000 Est.

*Computer Services Offered:* • Professional Services • Turnkey Systems

**BM Systems**

5980 Port Anadarko Trail  
Hermitage, TN 37076  
(615) 889-0714  
B. Malone, President

Private

**BM Data Processing, Inc.**

*See:* Central Bank & Trust

**BMC Software Inc.**

PO Box 2002  
Sugarland, TX 77478  
(713) 491-8800  
John Moores, President

Private

*Computer Services Offered:* • Software Products

**BMS Computer Inc.**

150 W Wiget Ln.  
Walnut Creek, CA 94598  
(415) 938-2620  
Larry Lynch, President

Private

Total Sales FYE 12/81: \$250,000

*Computer Services Offered:* • Software Products

**BOS National, Inc.**

*See:* I-Concepts, Inc.

**BPI Systems, Inc.**

3423 Guadalupe  
Austin, TX 78705  
(512) 454-2801  
Randall W. Ferguson, Chairman and President

Public

Total Sales FYE 3/84: \$10,027,486

*Computer Services Offered:* • Software Products • Professional Services

**BRS**

*See:* Thyssen-Bornemiza

**BRS Computing Inc.**

7 Westchester Plaza  
Elmsford, NY 10523  
(914) 592-5338  
Barry Schoenhaut, President

Private

Total Sales FYE 9/81: \$700,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**BSA Turnkey Corporation**

1714 Brogan Street  
San Antonio, TX 78232  
(512) 734-3814  
Burke Cabais, President

Private

Total Sales FYE 12/83: \$150,000 Est.

*Computer Services Offered:* • Turnkey Systems

**BST Consultants, Inc.**

6110 Gunn Highway P.O. Box 23425  
Tampa, FL 33623  
(813) 961-3902  
Carlos Baldor, President

Private

## Directory of Computer Services Companies

## SUBSIDIARIES:

**BST Data Systems Company**

6110 Gunn Highway P.O. Box 23425  
Tampa, FL 33623  
(813) 961-3902  
Don Silkebakken, President

**BST Data Systems Company**

See: BST Consultants, Inc.

**BUC International Corp**

1881 Northeast 26th Street  
Fort Lauderdale, FL 33305  
(305) 565-6715  
Walter J Sullivan, President

**Baird Corp.**

125 Middlesex Turnpike  
Bedford, MA 01730  
(617) 276-6000  
John M. Dempsey, Jr., President  
Private

**Baird Petrophysical Group**

3300 Walnut Bend  
Houston, TX 77042  
(713) 975-8088  
Ralph W. Baird, President  
Private  
Computer Services Offered: • Processing

**Bakco Data Inc.**

85 W. Algonquin Rd., Ste. 190  
Arlington Heights, IL 60005  
(312) 956-1052  
Jerry D. Baker, President  
Private  
Total Sales FYE 9/82: \$600,000 Est.  
Computer Services Offered: • Software Products

**Baker, J., & Associates Inc.**

7 Dearborn Street, Suite 807  
Chicago, IL 60603  
(312) 459-3900  
Jerry P. Baker, President  
Private

**Balance Computer Corporation**

Executive Plaza 1, Suite 400  
Hunt Valley, MD 21031  
(301) 667-1400  
John F. Cibula, Chairman and President  
Public  
Total Sales FYE 4/83: \$2,284,992  
Cptr. Svcs. Revs. FYE 4/83: \$1,192,000  
Computer Services Offered: • Turnkey Systems

**Baltic Company, Inc.**

## SUBSIDIARIES:

**III Systems, Inc.**

199 Alewife Brook Parkway  
Cambridge, MA 02138  
(617) 868-1450  
Frank T. Scott, President  
Total Sales FYE 4/83: \$8,000,000  
Computer Services Offered: • Processing

**Banbury Books**

## SUBSIDIARIES:

**Acorn Software Products Inc.**

7655 Leesburg Pike  
Falls Church, VA 22043  
(703) 893-0868  
Daphne Schor, President  
Computer Services Offered: • Software Products

**BancAids**

See: Management and Financial Support Services

**Bancology**

See: Pan-National Group

**Bancroft Computer Systems**

P.O. Box 1533  
West Monroe, LA 71291  
(318) 388-2236  
Allen Harris, President  
Private  
Total Sales FYE 10/81: \$600,000 Est.  
Computer Services Offered: • Software Products

**Bank Of Boston Corporation**

## SUBSIDIARIES:

**FBC, Inc.**

100 Federal Street  
Boston, MA 02110  
(617) 434-6357  
Philip E. Jennings, President  
Computer Services Offered: • Processing

**BankAmerica Corporation**

555 California Street  
San Francisco, CA 94104  
(415) 622-3456  
Samuel H. Armacost, President and CEO  
Public

## SUBSIDIARIES:

**BA Managistics**

1633 Broadway, 18th Floor  
New York, NY 10019  
(212) 246-6220  
Donald Levy, President  
Private  
Cptr. Svcs. Revs. FYE 12/83: \$12,000,000 Est.  
Computer Services Offered: • Processing

**Decimus Corporation**

100 California Street  
San Francisco, CA 94111  
(415) 622-5101  
Douglas Johnson, President  
Cptr. Svcs. Revs. FYE 12/83: \$18,000,000 Est.  
Computer Services Offered: • Processing

## Directory of Computer Services Companies

## DIVISIONS:

**Business Services - Global Systems Services 5010**

555 California Street  
San Francisco, CA 94137  
(415) 622-3550  
Francis Wetzel, Sr. Vice President  
Cptr. Svcs. Revs. FYE 12/83: \$74,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products

**Bankers Data Processing, Inc.**

See: Citicorp

**Bankers Data Services**

See: U.S. National Bank Shares

**Banking Systems Inc.**

See: General Electric Company

**Bankline, Inc.**

11225 North 28th Drive, Suite C207  
Phoenix, AZ 85029  
(602) 993-5815  
James King, President  
Private  
Total Sales FYE 6/84: \$3,000,000 Est.  
*Computer Services Offered:* • Turnkey Systems

**Bankmatic Systems, Inc.**

4805 S.W. Griffith Drive  
Beaverton, OR 97005  
(503) 643-2446  
James W. McCammond, President  
Total Sales FYE 12/84: \$3,000,000 Est.  
*Computer Services Offered:* • Professional Services • Turnkey Systems

**Bankpro Systems**

500 Sansome Street, Suite 201  
San Francisco, CA 94111  
(415) 982-5148  
Brian Girard, President  
Private  
Total Sales FYE 2/84: \$1,000,000 Est.  
*Computer Services Offered:* • Software Products

**BankWire**

See: American Bankers Association

**Barkett Computer Services, Inc.**

P.O. Box 522197  
Miami, FL 33152  
(305) 592-3304  
William Rafferty, President  
Private

**Baron Data Systems**

1700 Marina Blvd.  
San Leandro, CA 94577  
(415) 352-8101  
J. Garrett Fitzgibbons, President  
Public  
Total Sales FYE 3/83: \$15,832,000  
*Computer Services Offered:* • Turnkey Systems

**Barrister Information Systems Corporation**

1 Technology Center, 45 Oak Street  
Buffalo, NY 14203  
(716) 845-5010  
Henry T. Semmelhack, President  
Private  
Total Sales FYE 3/84: \$12,500,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Basic American Medical, Inc.**

South Gray Road  
Indianapolis, IN  
(317) 783-5461

## SUBSIDIARIES:

**Medical Engineering, Inc.**

3955 Fowler Street  
Ft. Myers, FL 33901  
(813) 939-5211  
Hugh Murphy, Dir. Of Data Processing  
Public  
Total Sales FYE 12/84: \$6,500,000  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Battelle Memorial Institute**

505 King Avenue  
Columbus, OH 43201  
(614) 424-6424  
Sherwood L. Fawcett, Chairman and CEO  
Public  
Total Sales FYE 12/83: \$430,110,000  
Cptr. Svcs. Revs. FYE 12/83: \$43,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**BayBanks Data Services, Inc.**

See: Baybanks Inc.

**Baybanks Inc.**

## SUBSIDIARIES:

**BayBanks Data Services, Inc.**

400 Fifth Avenue  
Waltham, MA 02154  
(617) 890-2700  
Donald L. Isaacs, President  
Total Sales FYE 12/83: \$13,000,000 Est.  
Cptr. Svcs. Revs. FYE 12/83: \$4,500,000 Est.  
*Computer Services Offered:* • Processing

**Beacon Data Processing**

3603 Courtland Street  
Chicago, IL 60647  
(312) 235-9265  
Igor Peroderij, President  
Private  
Total Sales FYE 7/84: \$1,500,000 Est.  
*Computer Services Offered:* • Processing

**Beck, Thomas Inc.**

1319 Bridgeway  
Sausalito, CA 94965  
(415) 331-1555  
Private  
Total Sales FYE 6/83: \$500,000 Est.  
*Computer Services Offered:* • Professional Services

## Directory of Computer Services Companies

**Bell & Murphy and Associates Inc.  
(BMA)**

4100 McEwen Road, Suite 260  
Dallas, TX 75234  
(214) 386-0252

John Bell, President

Private

Computer Services Offered: • Processing • Professional Services

**Benefacts Inc.**

See: Alexander & Alexander, Inc.

**Benetics Corporation**

335 East Middlefield Road  
Mountain View, CA 94043  
(415) 940-6300

John Krakauer, President

Private

Total Sales FYE 6/84: \$1,500,000 Est.

Computer Services Offered: • Turnkey Systems

**Benton, Schneider & Associates GAINS****Marketing Group**

2021 Spring Rd.  
Oak Brook, IL 60521

(312) 325-9444

William Benton, President

Private

**Bergman, Gary Associates**

14 Hickory Lane  
New Brunswick, NJ 08902  
(201) 247-2727

Gary Bergman, President

Private

**Berkshire Bank and Trust Co. Automated  
Customers Service**

See: Conifer Group, Inc.

**Berman Associates Inc.**

101 East Holly Avenue, Suite 14  
Sterling, VA 22170  
(703) 450-5000

Lon Berman, President

Private

Total Sales FYE 12/83: \$850,000 Est.

Computer Services Offered: • Software Products • Professional Services

**Bernhard, Arnold & Co., Inc.****DIVISIONS:****Value Line Incorporated**

711 Third Avenue  
New York, NY 10017  
(212) 687-3965

Dorothy Berry, President

Public

**SUBSIDIARIES:****Compupower Corporation**

1 Harmon Plaza  
Seacaucus, NJ 07094  
(201) 866-8600

Herbert Messing, President

Computer Services Offered: • Processing

**Berton Group Inc.**

235 E. 31st Street  
New York, NY 10016  
(212) 682-2274

Gerald Berton, President

**BETAC Corporation**

1401 Wilson Blvd  
Arlington, VA 22209  
(703) 243-9200

Earl Lockwood, President

Private

**Beverly Enterprises****SUBSIDIARIES:****Compu-Link Corporation**

4000 N. Grand River Avenue, P.O. Box 16247  
Lansing, MI 48901  
(517) 323-4134

Dennis W. Voketz, President

Private

Total Sales FYE 6/82: \$1,740,000 Est.

Computer Services Offered: • Processing • Professional Services

**Bibliographic Retrieval Services, Inc.**

Name Changed to: BRS

**Biblos Technology, Inc.**

350 5th Avenue, Suite 1904  
New York, NY 10118

Janet Baldwin

Private

Total Sales FYE 1/84: \$625,000 Est.

Computer Services Offered: • Software Products • Professional Services

**Bishop Graphics****SUBSIDIARIES:****ComputerAided Design Resources, Inc.**

600 S. Lake, Ste. 101  
Pasadena, CA 91106  
(213) 792-6552

Louise Kirkbride, President

Total Sales FYE 9/83: \$450,000

Computer Services Offered: • Processing • Turnkey Systems

**Bitek International Corporation**

3200 E. 29th Street  
Long Beach, CA 90806  
(213) 634-8950

Wolfgang Schmidt, President

**Black, David R & Associates, Inc**

30 Parkway View Drive  
Pittsburg, PA 15205  
(412) 787-5100

David R. Black, President

Private

Total Sales FYE 12/83: \$1,500,000 Est.

Computer Services Offered: • Software Products • Professional Services



## Directory of Computer Services Companies

**Blank, Joseph R., and Associates Inc.**

2821 Covert Road  
Glen View, IL 60025  
(312) 724-3519  
Joseph R. Blank, President  
Private

**Bloodstock Research, Inc.**

801 Corporate Drive P.O. Box 4097  
Lexington, KY 40544  
(606) 278-0411  
Carl Rogers, Exec. Vice President  
Private  
Total Sales FYE 12/83: \$3,000,000 Est.  
Computer Services Offered: • Processing • Software  
Products

**Boeing Company, The**

## DIVISIONS:

**Boeing Computer Services Company**

2810 160th Avenue S.E.  
Bellevue, WA 98008  
(206) 763-5250  
Robert L. Dryden, President  
Public  
Total Sales FYE 12/83: \$564,400,000  
Cptr. Svcs. Revs. FYE 12/83: \$533,400,000  
Computer Services Offered: • Processing • Software  
Products • Professional Services

**Boeing Computer Services Company**

See: Boeing Company, The

**Boise Cascade Computing**

See: Boise Cascade Corporation

**Boise Cascade Corporation**

## DIVISIONS:

**Boise Cascade Computing**

One Jefferson Square  
Boise, ID 83728  
(208) 384-6100  
John Frey, CEO

**Bolt Beranek and Newman, Inc.**

10 Moulton Street  
Cambridge, MA 02238  
(617) 491-1850  
Michael P. LaVigna, President  
Public

Total Sales FYE 6/84: \$106,350,000  
Cptr. Svcs. Revs. FYE 6/84: \$53,000,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services

## SUBSIDIARIES:

**BBN Software Products Corporation**

One Alewife Place  
Cambridge, MA 02140  
(617) 864-1780  
Ean M. Rankin, President  
Computer Services Offered: • Software Products

**Bonner & Moore Associates**

2727 Allen Parkway  
Houston, TX 77019  
(713) 522-6800  
Joe F. Moore, President  
Private

## DIVISIONS:

**Bonner & Moore Computing Company**

2727 Allen Parkway, Suite 1650  
Houston, TX 77019  
(713) 522-6800  
James C. Green, President  
Private  
Total Sales FYE 10/83: \$4,000,000  
Computer Services Offered: • Processing • Software  
Products • Professional Services

**Bonner & Moore Computing Company**

See: Bonner & Moore Associates

**Boole & Babbage, Inc.**

510 Oakmead Parkway  
Sunnyvale, CA 94086  
(408) 735-9550  
Jack E. van Kinsbergen, President and CEO  
Public  
Total Sales FYE 9/83: \$21,800,000  
Computer Services Offered: • Software Products •  
Professional Services

## DIVISIONS:

**Institute for Software Engineering (ISE)**

535 Middlefield Rd, Ste 200  
Menlo Park, CA 94025  
(415) 493-0300  
David R. Vincent, General Manager  
Computer Services Offered: • Professional Services

**Booz Allen & Hamilton Inc.**

Dept. N-1, 245 Park Avenue  
New York, NY 10017  
(212) 880-9496  
J.B. Farley, Sr Vice President  
Private  
Cptr. Svcs. Revs. FYE 12/83: \$20,000,000 Est.  
Computer Services Offered: • Professional Services

**Borg Enterprises**

## DIVISIONS:

**DCD Company**

1601 West River Rd, North  
Minneapolis, MN 55411  
(612) 588-0551  
Dwayne Borge, President  
Public  
Total Sales FYE 12/83: \$3,000,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services

**Boston Financial Data Services, Incorporated**

See: State Street Boston Corporation



## Directory of Computer Services Companies

**Boston Systems Office (The), Inc.**

469 Moody St.  
Waltham, MA 02154  
(617) 894-7800  
Michael Rooney, President  
Private  
Total Sales FYE 3/83: \$3,000,000 Est.  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Bosworth & Associates**

9 Forest Drive  
Plainville, NY 11803  
(516) 938-8223  
Sy Bosworth, President  
Private

**Bowers and Davis, Consultants and Engineers**

## SUBSIDIARIES:

**Dedicated Minisystems for Banking Inc.**

158 Fallow Field Rd.  
Fairfield, CT 06430  
(203) 259-6462  
Dan M. Bowers, President

**Bowne Information Systems, Inc.**

See: TSR, Inc.

**Bradford Business Systems, Inc.**

23195 La Cadena Drive, Ste. 102  
Laguna Hills, CA 92653  
(714) 859-4428  
Russ Bradford, President  
Private  
Total Sales FYE 1/84: \$250,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Bradford National Corporation**

67 Broad Street  
New York, NY 10004  
(212) 530-7890  
Alan C. Winters, President  
Public  
Total Sales FYE 12/83: \$144,406,000  
Cptr. Svcs. Revs. FYE 12/83: \$128,521,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Bradmark Computer Systems, Inc.**

4446 Main Street  
Buffalo, NY 14226  
(716) 839-5508  
Private  
Total Sales FYE 12/83: \$700,000 Est.  
*Computer Services Offered:* • Software Products

**Brandon Consulting Group, Inc.**

See: IMS Systems Corporation

**Brault, Strauchman & Associates, Inc.**

1228 Kirts Boulevard, Suite 400  
Troy, MI 48084  
(313) 879-6300  
Del B. Brault, President  
Private  
Total Sales FYE 11/84: \$3,500,000 Est.  
*Computer Services Offered:* • Processing • Professional Services

**Breen Systems Management Inc. (BSM)**

27 Commerce St.  
Williston, VT 05495  
(802) 863-1343  
James L. Breen, Jr., President  
Private

**Breuer and Co.**

54 Middlesex Turnpike  
Bedford, MA 01730  
(617) 275-5810  
Tom Breuer, Owner  
Private  
Total Sales FYE 12/82: \$500,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Bricmont & Associates, Inc.**

395 Valley Brook Road  
McMurray, PA 15317  
(412) 941-3150  
F.H. Bricmont, President  
Private  
*Computer Services Offered:* • Professional Services • Turnkey Systems

**Bridge Data Co.**

See: Bridge Holding Co.

**Bridge Holding Co.**

## SUBSIDIARIES:

**Bridge Data Co.**

10050 Manchester Rd.  
St. Louis, MO 63122  
(314) 821-5660  
Jim Yates, President

**Bridge, The**

See: GT Software, Inc.

**Bristol Babcock**

40 Bristol Street  
Waterbury, CT 06708  
(203) 575-3000  
Roy Fine, President

**Bristol Information Systems, Inc.**

84 North Main Street  
Fall River, MA 02720  
(617) 679-1051  
Fredric Gottlieb, President  
Private  
Total Sales FYE 12/83: \$1,500,000 Est.  
*Computer Services Offered:* • Software Products

**British Petroleum**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Systems Control, Inc.**

1801 Page Mill Road  
Palo Alto, CA 94304  
(415) 494-1165  
Philip E. Merritt, President  
Private  
Total Sales FYE 12/81: \$25,000,000  
Cptr. Svcs. Revs. FYE 12/81: \$22,000,000  
*Computer Services Offered:* • Professional Services

**Broadway & Seymour, Inc.**

302 South Tryon Street, Suite 411  
Charlotte, NC 28202  
(704) 372-4281  
William Seymour, President  
Private

**Broderbund Software Inc.**

17 Paul Drive  
San Rafael, CA 94903  
(415) 456-6424  
Douglas Carlston, President  
Private  
Total Sales FYE 8/83: \$4,000,000 Est.  
*Computer Services Offered:* • Software Products

**Brokerage Software Systems, Inc.**

See: Kalb Voorhis

**Brokerage Transaction Services Inc.**

See: Control Data Corporation

**Brookings Institution-Social Science Computation Center**

1775 Massachusetts Ave., N.W.  
Washington, DC 20036  
(202) 797-6181  
Joseph P. Fennell, Program Director

**Brown and Root**

See: Halliburton Company

**Brown Computer Center**

See: National Education Corporation

**Brown, Sanders & Associates, Inc.**

878 Hawksbill Island Dr.  
Satellite Beach, FL 32937  
(305) 777-5776  
Robert J. Sanders, Chairman  
Private  
Total Sales FYE 9/82: \$700,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Brown's Data Processing Service Center**

1700 S. Eastwood Dr. Box 728  
Woodstock, IL 60098  
(815) 338-1200  
Wayne L. Brown, President  
Private

**Bruning CAD**

See: AM International

**Budco Data Systems**

2650 Dalemead Street  
Torrance, CA 90505  
(213) 325-4308  
Forrest Coling, President  
Private

**Budget Computer Systems**

5752 Oberlin Drive  
San Diego, CA 92121  
(619) 457-3070  
Kenneth V. Ball, President  
Private  
Total Sales FYE 5/83: \$4,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Budget Timeshare Inc**

4739 Alla Rd  
Marina Del Rey, CA 90291  
(213) 821-5973  
Private  
Total Sales FYE 6/82: \$18,000,000 Est.  
Cptr. Svcs. Revs. FYE 6/82: \$16,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Bunker Ramo Information Systems**

*Acquired by Allied Corporation*

**Burlington Data Processing Inc.**

1500 Shelburne Rd.  
Burlington, VT 05401  
(802) 658-2664  
Richard E. Tarrent, President  
Private  
Total Sales FYE 6/81: \$3,500,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Burnett, Ed, Consultants Inc.**

2 Park Ave.  
New York, NY 10016  
(212) 679-0630  
Ed Burnett, President  
Private

**Burroughs Corporation**

Burroughs Place  
Detroit, MI 48232  
(313) 972-7000  
Paul G. Stern, President  
Public  
Total Sales FYE 12/83: \$4,389,700,000  
Cptr. Svcs. Revs. FYE 12/83: \$395,000,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Graphics Technology Corporation (Graftek)**

1777 Conestoga St  
Boulder, CO 80301  
(303) 449-1138  
*Computer Services Offered:* • Turnkey Systems

## Directory of Computer Services Companies

**System Development Corporation**

5151 Camino Ruiz  
Camarillo, CA 93011  
(805) 987-6811  
Fred Jenny, President

*Computer Services Offered:* • Processing • Professional Services • Turnkey Systems

**Bush, Lloyd and Associates**

156 Williams Street  
New York, NY 10038  
(212) 962-4004  
Lloyd Bush, President

Private

Total Sales FYE 12/82: \$4,000,000 Est.

*Computer Services Offered:* • Processing • Software Products

## SUBSIDIARIES:

**Applied Computer Enterprises, Inc.**

156 Williams Street  
New York, NY 10038  
(212) 962-4004  
Lloyd A. Bush, President

*Computer Services Offered:* • Processing

**Bush, Oren & Associates**

960 10th St., Suite 7  
Santa Monica, CA 90403  
(213) 395-8801  
Don Bush, President

Private

**Business and Professional Software, Inc.**

143 Binney Street  
Cambridge, MA 02142  
(617) 491-3377  
David Solomont, President

Private

Total Sales FYE 8/82: \$2,000,000

*Computer Services Offered:* • Software Products

**Business and Technological Systems, Inc.**

10210 Greenbelt Rd.  
Seabrook, MD 20801  
(301) 794-8800  
Andrew Jadwinski, President

## SUBSIDIARIES:

**Computer Systems International Inc.**

Aerospace Building, Suite 440 10210 Greenbelt Road  
Seabrook, MD 20801  
(301) 794-6052  
Jerry Horsewood, President

**Business Application Systems, Inc. (BAS)**

7334 Chapel Hill Rd.  
Raleigh, NC 27607  
(919) 851-8512  
Earl Gilmore, President

Private

Total Sales FYE 3/81: \$3,500,000

*Computer Services Offered:* • Software Products • Turnkey Systems

**Business Applications Group**

5520 Ruffin Rd. Suite 101  
San Diego, CA 92123  
(714) 560-6343  
Sel Hickman, President

Private

*Computer Services Offered:* • Processing

**Business Automation Inc.**

1440 S. State College Blvd.  
Anaheim, CA 92802  
(714) 778-2021  
Douglas Nation, President

Private

Total Sales FYE 9/82: \$1,500,000

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Business Color Graphics Inc.**

## SUBSIDIARIES:

**Infographics Inc.**

201 Shipyard Way, Ste E  
Newport Beach, CA 1981  
(714) 675-4385  
Stephen Slingsby, President

Private

*Computer Services Offered:* • Processing • Turnkey Systems

**Business Computer Center**

8659 Baltimore Nat'l Parkway  
Elliott, MD 21043  
(301) 461-2200  
Gary Irving, President

Private

Cptr. Svcs. Revs. FYE 3/83: \$1,500,000 Est.

*Computer Services Offered:* • Turnkey Systems

**Business Computer Design**

15 Spinning Wheel Dr  
Hinsdale, IL 60521  
(312) 920-1175  
Joseph Falachi, President

Private

Total Sales FYE 4/81: \$1,000,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Business Computer Service Inc.**

1210 Smith St.  
Charleston, WV 25301  
(304) 343-9471  
Robert Payne, President

Private

**Business Computer Services Inc.**

3030 N. Fairfax Dr.  
Arlington, VA 22201  
(703) 527-1424

*Computer Services Offered:* • Processing • Turnkey Systems

## Directory of Computer Services Companies

**Business Computer Solutions Inc.**

2655 LeJeune Road Suite 902  
Coral Gables, FL 33134  
(305) 441-0700  
Ronald A. Goldstein, President

Private

Total Sales FYE 7/83: \$700,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Business Computer Systems Corp.**

12 South Hull Street  
Sinking Spring, PA 19608  
(215) 678-6611  
John Hildebrandt, Jr., President

Private

**Business Consultants of Arizona, Inc.**

5150 N. 16th St.  
Phoenix, AZ 85016  
(602)266-0676

**Business Controls Corporation**

507 Boulevard  
Elmwood Park, NJ 07407  
(201) 791-7661  
David J. Hirschfeld, President

Private

**Business Data Services, Inc.**

*See: American Computer Technology, Inc.*

**Business Data Systems**

26 Arcadia Rd., Box 308  
Old Greenwich, CT 06870  
(203)637-8484  
William Bird, President

**Business Data, Inc.**

*See: Wallace Business Forms, Inc.*

**Business Information Systems Inc.**

5128 N. Elston Avenue  
Chicago, IL 60630  
(312) 685-7130  
Albert C. Wagner, President

Private

Total Sales FYE 12/82: \$1,870,000

*Computer Services Offered:* • Processing

**Business Information Systems, Inc.**

3442 Stellhorn Road  
Fort Wayne, IN 46815  
(219) 485-9671  
Donald E. Currie, President

Private

Total Sales FYE 3/84: \$500,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Business Model System, Inc**

2625 Butterfield Rd  
Oakbrook, IL 60521  
(312)789-9160

Total Sales FYE 7/82: \$4,000,000 Est.

*Computer Services Offered:* • Software Products

**Business Planning Systems, Inc**

2 North State St  
Dover, DE 19901  
(302)674-5500

*Computer Services Offered:* • Software Products

**Business Programmer Systems, Inc.**

286 East Hamilton Ave, Ste A  
Campbell, CA 95008  
(408)246-1500  
Brooks Griffin, President

Private

**Business Service Corporation**

P.O. Box 7876  
Pine Bluff, AR 71601  
(501) 534-4226  
John H. Talbot, III, President

Private

Total Sales FYE 8/82: \$325,000 Est.

*Computer Services Offered:* • Processing

**Business Services - Global Systems Services 5010**

*See: BankAmerica Corporation*

**Business Systems Associates Inc**

20942 Osborne St  
Canoga Park, CA 91304

*Computer Services Offered:* • Software Products

**Business Systems Consultants**

*Name changed to: Broadway & Seymour, Inc.*

**Business Systems Inc.**

9845 Roosevelt  
Westchester, IL 60153  
(312) 681-6060  
Clyde Scott, President

Private

Total Sales FYE 1/83: \$2,000,000

*Computer Services Offered:* • Processing • Software Products

**Bytel Corporation**

1730 Solano Avenue  
Berkeley, CA 94707  
(415)527-1157  
Alexander Pines, Manager

Private

Total Sales FYE 12/82: \$250,000 Est.

*Computer Services Offered:* • Software Products

**C & T Management Services Inc.**

## SUBSIDIARIES:

**Data Processing & Accounting Services**

50 Van Ness Avenue  
San Francisco, CA 94102  
(415) 621-2888

Robert Tessler, President

Total Sales FYE 1/84: \$3,700,000 Est.

*Computer Services Offered:* • Processing

## Directory of Computer Services Companies

**C.A.C.I., Inc.**

1815 North Fort Meyer Drive  
Arlington, VA 22209

(703) 841-7800

Dr. J.P. London, President

Public

Total Sales FYE 6/84: \$109,846,391

Computer Services Offered: • Processing • Software  
Products • Professional Services

**C.H. Robinson Company**

## SUBSIDIARIES:

**T Systems**

7325 Mitchell Road  
Eden Prairie, MN 55344

(612) 937-9519

William A. Slaven, President

Total Sales FYE 1/84: \$1,000,000 Est.

Computer Services Offered: • Processing • Professional

Services • Turnkey Systems

**CAE Systems, Inc.**

1333 Bordeaux Ave.  
Sunnyvale, CA 94089

(408) 745-1440

Private

Computer Services Offered: • Turnkey Systems

**CB Associates**

1350 Grant Road, Suite 12  
Mountain View, CA 94040

(415) 968-8935

Fred & Bernice Deutscher, Partners

Private

**CBA Inc.**

2636 Marquette Rd.  
Chicago, IL 60637

(312) 471-3010

E.L. Kurowski, President

**CBT Data Services Corp.**

1 Constitution Plaza  
Hartford, CT 06115

(203) 244-4266

Harry Kilman, President

**CCH Computax Systems, Inc.**

See: Commerce Clearing House

**CCH Computax, Inc.**

See: Commerce Clearing House

**CCX Network, Inc.**

301 Industrial Boulevard  
Conway, AR 72031

(501) 329-6836

Robert Ingenito, President

Public

Total Sales FYE 9/83: \$7,540,000

Computer Services Offered: • Processing

**CDE Associates**

14 Bert Street  
Hooksett, NH 03106

(603) 485-5907

Stephen Ferreira, President

**CDP Marketing Information Corporation**

See: TSR, Inc.

**CDS Systems, Inc.**

2672 Bayside Frontage Road Suite 506  
Mt. View, CA 94043

(415) 961-2080

Tsuneak Yamamoto, President

Private

Total Sales FYE 6/81: \$207,000

Computer Services Offered: • Software Products • Turnkey  
Systems

**CFS, Inc.**

1600 VFW Parkway

West Roxbury, MA 02132

(617) 566-0222

Richard K. Goran, President

Private

Cptr. Svcs. Revs. FYE 4/84: \$500,000 Est.

Computer Services Offered: • Software Products

**CGA Computer, Inc.**

960 Holmdel Road

Holmdel, NJ 07733

(201) 946-8900

Robert J. Sywolski, President

Public

Total Sales FYE 4/84: \$46,363,000

Computer Services Offered: • Software Products •  
Professional Services

## SUBSIDIARIES:

**Software Shop Systems, Inc.**

5825 Glenridge Drive, Bldg. 1

Atlanta, GA 30328

(404) 255-8736

Richard J. de Luca, President

Computer Services Offered: • Software Products

## DIVISIONS:

**Allen Services Corporation**

212 W. National Road

Vandalia, OH 45377

(513) 890-1200

A. Allen, President

**CGG Data Processing Service Inc**

See: Compagnie Generale De Geophysique

**CGX Corporation**

42 Nagog Park

Acton, MA 01720

(617) 263-3222

Kenneth Leavitt, President And CEO

Private

Total Sales FYE 12/84: \$5,000,000 Est.

Computer Services Offered: • Turnkey Systems

## Directory of Computer Services Companies

**CHI Corporation**

21111 Chargin Blvd  
Cleveland, OH 44122  
(216) 229-6400  
Robert Bensen, President

**CIC Data Corp.**

475 Northern Blvd.  
Great Neck, NY 11021  
(516) 466-5757  
James O'Conner, President  
Private

**CIS/Corp. Facilities Group Inc.**

607 Mory Plaza  
Syracuse, NY 13202  
(315) 425-1900  
Harry Goetzman, President

**CL Systems Inc.**

1220 Walnut Street  
Newtonville, MA 02165  
(617) 965-6310  
Richard Goldberg, President  
Private

Total Sales FYE 6/83: \$18,300,000  
*Computer Services Offered:* • Turnkey Systems

**CMA Micro Computer**

55722 Santa Fe Trail  
Yuca Valley, CA 92284  
(619) 365-9718

Private  
Total Sales FYE 7/83: \$3,000,000 Est.  
*Computer Services Offered:* • Software Products

**CMC Associates Inc**

755 Boylston St  
Boston, MA 02116  
(617) 266-4933  
Bruce D. McDonnell, President  
Private

Total Sales FYE 7/82: \$1,650,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**CMC Software**

See: CMC, Inc.

**CMC, Inc.**

## DIVISIONS:

**CMC Software**

PO Box 718  
Carthage, MO 64836  
(417) 358-8017  
Roy Mayes, President

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**CMS Inc.**

## SUBSIDIARIES:

**CPS - Medical Billing Systems**

7651 Haskell Avenue Suite 1250  
Van Nuys, CA 91406  
(818) 997-1100  
Marvin R. Selter, President  
Private  
*Computer Services Offered:* • Processing • Professional Services

**CMSI**

2314 S.W. Bancroft  
Portland, OR 97201  
(503) 227-0600  
John Chaney, President  
*Computer Services Offered:* • Professional Services

**CPAids**

See: Computer Tax Service Inc.

**CPS - Medical Billing Systems**

See: CMS Inc.

**CPU International, Inc.**

*Acquired/merged with:* Pearlsort

**CRC Information Systems Inc.**

333 West 34 Street  
New York, NY 10001  
(212) 563-1300  
Alvin L. Steinhart, President  
Private  
Total Sales FYE 3/84: \$5,200,000  
*Computer Services Offered:* • Processing • Professional Services

## SUBSIDIARIES:

**CRCIS Inc.**

East Southwater Street  
Chicago, IL  
(312) 443-1120  
Hank Coreland, Vice President  
*Computer Services Offered:* • Processing

**CRCIS Inc.**

See: CRC Information Systems Inc.

**CRI**

See: Commodity Research Institute

**CSA Systems & Software**

925 N. Judge  
Abilene, TX 79601  
(915) 677-4210  
R.C. Ivey, Partner

**CSC Industry Services Group**

See: Computer Sciences Corporation

**CSC Information Network Services Group**

See: Computer Sciences Corporation

**CSC Systems Group**

See: Computer Sciences Corporation

## Directory of Computer Services Companies

**CSW, Inc.**

2468 W. Bayshore Road, Suite 1  
Palo Alto, CA 94303  
(415) 960-3990  
Graham Kemp, President  
Private  
Total Sales FYE 7/82: \$4,000,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**CSX Corporation**

## SUBSIDIARIES:

**Cybernetics and Systems Inc.**

500 Water St., Rm. 410  
Jacksonville, FL 32202  
(904) 359-3151  
Jack M. Cooper, President  
Total Sales FYE 12/81: \$22,000,000 Est.  
Cptr. Svcs. Revs. FYE 12/81: \$4,100,000  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**CTEC Inc.**

6862 Elm St  
McLean, VA 22101  
(703) 556-7400  
Edward H. Bersoff, President  
Private  
Total Sales FYE 6/81: \$6,700,000  
Computer Services Offered: • Professional Services

**CTI Limited Inc.**

4455 LBJ Freeway, Ste. 810  
Dallas, TX 75234  
(214) 661-9300  
Kenneth Follansbee, President  
Private  
Total Sales FYE 7/81: \$1,250,000 Est.  
Computer Services Offered: • Processing • Professional  
Services

**CTS Services Inc.**

2720 Stemmons Freeway Suite 805  
Dallas, TX 75207  
(214) 637-3344  
Carl Wade, President  
Private  
Computer Services Offered: • Processing • Professional  
Services • Turnkey Systems

**CUC Insurance Services**

See: Comp-U-Card International Inc.

**C3, Inc.**

11425 Isaac Newton Square, South  
Reston, VA 22090  
(703) 471-6000  
John G. Ballenger, President  
Public  
Total Sales FYE 3/84: \$61,078,000  
Cptr. Svcs. Revs. FYE 3/84: \$46,870,000  
Computer Services Offered: • Turnkey Systems

## SUBSIDIARIES:

**Tempest Technologies, Inc.**

11411 Isaac Newton Square  
Reston, VA 22090  
(703) 471-0157

**C-S Computer Systems, Inc.**

200 South Main Street, P.O. Box 356  
Manville, NJ 08835  
(201) 526-9000  
John E. Czerkies, President  
Private  
Total Sales FYE 8/84: \$1,500,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services

**Cable Data**

3200 Arden Way  
Sacramento, CA 95825  
(916) 485-2911  
Robert J. Mathews, President  
Private  
Total Sales FYE 12/82: \$41,837,000  
Computer Services Offered: • Processing • Turnkey  
Systems

**Cablesare Inc.**

20 Enterprise Drive  
London, ON N6A4C  
(519) 686-2900  
Terrance H. Pocock, President  
Public  
Total Sales FYE 8/83: \$11,300,000  
Cptr. Svcs. Revs. FYE 8/83: \$9,900,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**CADAM**

See: Lockheed Corporation

**CADLINC Inc.**

700 Nicholas Boulevard  
Elk Grove Village, IL 60007  
(312) 228-7300  
John H. West, President  
Private  
Total Sales FYE 9/83: \$6,000,000 Est.  
Computer Services Offered: • Processing • Turnkey  
Systems

**Cadnetix Corporation**

5797 Central Avenue  
Boulder, CO 80301  
(303) 444-8075  
Bruce Holland, President  
Private  
Total Sales FYE 7/83: \$4,000,000 Est.  
Computer Services Offered: • Turnkey Systems

**Cado Systems of MD, Inc.**

See: Data Inc.

**CADTRAK**

823 Kifer Rd  
Sunnyvale, CA 94086  
(408) 730-2591  
Eugene W. Emmerich, President  
Private  
Total Sales FYE 7/83: \$1,250,000  
Computer Services Offered: • Turnkey Systems

**Cahill and Company**

111 Wright Street  
LaSalle, IL 61301  
(815) 233-0102  
Ron Borelli, Vice President  
Private



## Directory of Computer Services Companies

**Caine, Farber, & Gordon Inc.**

750 E. Green Street  
Pasadena, CA 91101  
(213) 449-3070

**Cal-Western Econometrics**

11642 Knott Blvd., Suite 18  
Garden Grove, CA 92641  
(714) 898-9244  
Deno Benedetti, Controller  
Private

**Calculogic Corporation**

2929 Broadway  
New York, NY 10027  
(212) 866-9515  
Joseph Lopatin, President  
Private

**Calculon Corporation**

See: Calculon U.S. Corporation

**Calculon U.S. Corporation**

## DIVISIONS:

**Calculon Corporation**

121 North Broad Street  
Philadelphia, PA 19107  
(215) 564-8200  
Raymond LeKashman, President

Private

Total Sales FYE 12/83: \$25,000,000 Est.

Computer Services Offered: • Professional Services

**California Computer Timesharing Co.**

389 Connors Ct., Ste. F  
Chico, CA 95926  
(916) 895-9122  
David Morgan, President  
Private

**California Interactive Computing, Inc.**

12517 Chandler Boulevard Suite 220  
North Hollywood, CA 91607  
(818) 985-2680

Jerry Buckley, President

Private

Total Sales FYE 7/84: \$5,000,000 Est.

Computer Services Offered: • Software Products • Turnkey Systems

**California Minicomputer Systems Inc.**

5534 Westlawn Ave  
Los Angeles, CA 90066  
(213) 390-9521

Robert D. Mowry, President

Total Sales FYE 7/81: \$5,000,000 Est.

Computer Services Offered: • Turnkey Systems

**California Software Products**

525 North Cabrillo Park Dr.  
Santa Ana, CA 92701  
(714) 973-0440

Peter Warkenton, President

Private

**California Software, Inc.**

3232 Nebraska Avenue  
Santa Monica, CA 90404  
(213) 829-0361

A. L. Frank, President

Private

Total Sales FYE 12/83: \$1,000,000 Est.

Computer Services Offered: • Software Products

**California Systems Associates**

2845 Mesa Verde Dr., E Suite 4  
Costa Mesa, CA 92626  
(714) 546-9716

Computer Services Offered: • Software Products

**Call Computer**

1961 Old Middlefield Way  
Mountain View, CA 94043  
(415) 964-5331

Alex Kamredt, President

Private

Total Sales FYE 6/83: \$600,000 Est.

Computer Services Offered: • Processing

**CallData Systems, Inc.**

20 Crossways Park North  
Woodbury, NY 11797  
(516) 575-6615

Computer Services Offered: • Processing

**Calma Company**

See: General Electric Company

**Calspan Corporation Advanced Technology Center**

See: Arvin Industries, Inc.

**Caltec, Inc.**

2650 North Reynolds Road  
Toledo, OH 43615

(419) 536-0556

David W. Ridenour, President

Private

Total Sales FYE 6/84: \$1,500,000 Est.

Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Cambar Business Systems Inc.**

2864 Azales Drive, P.O. Box 10067  
Charleston, SC 29411  
(803) 554-9550

Roger K. Davis, President

Private

Total Sales FYE 12/83: \$1,750,000

Computer Services Offered: • Software Products

**Cambridge Computer Associates, Inc.**

222 Alewife Brook Parkway  
Cambridge, MA 02138  
(617) 868-1111

Victor Oppenheimer, President

Private

**Cambridge Systems Group, The**

24275 Elise  
Los Altos Hills, CA 94022  
(415) 941-4558

Shawn McLaren, Director

Private



## Directory of Computer Services Companies

**Camex Systems**

7225 Ohms Lane  
Minneapolis, MN 55435  
(612) 831-0600  
David R. Buchanan, President  
Private  
Total Sales FYE 12/83: \$10,000,000 Est.  
Computer Services Offered: • Turnkey Systems

**Canada Systems Group Limited**

2599 Speakman Drive  
Mississauga, Ontario L5 K 1B1  
(416) 822-5200  
John F. Ricketts, President  
Private  
Total Sales FYE 12/83: \$140,065,000  
Computer Services Offered: • Processing • Professional  
Services • Turnkey Systems

**Canadian M.S.P. Software Products**

120 Norfinch Dr.  
Downsview, ON M3N1X  
(416) 663-8640  
Steve Ginsburg, President

**Candle Corporation**

10880 Wilshire Boulevard 24th Floor  
Los Angeles, CA 90024  
(213) 470-2277  
Aubrey Chernick, President  
Private  
Total Sales FYE 12/83: \$30,000,000 Est.  
Computer Services Offered: • Software Products

**Cannon Computer Company**

10300 N. Central Expwy, Ste 270  
Dallas, TX 75231  
(214) 691-3062  
Del Cannon, President  
Total Sales FYE 7/82: \$1,000,000  
Computer Services Offered: • Processing • Software  
Products

**Canton Automated Systems, Inc.**

See: Citizens Savings Bank

**CAP Gemini DASD, Inc.**

See: CAP Gemini Sogeti

**CAP Gemini Services, Inc.**

See: CAP Gemini Sogeti

**CAP Gemini Software Products, Inc.**

See: CAP Gemini Sogeti

**CAP Gemini Sogeti**

## SUBSIDIARIES:

**CAP Gemini DASD, Inc.**

9045 N. Deerwood Drive  
Milwaukee, WI 53223  
(414) 355-3405  
Michael Berty, President  
Total Sales FYE 12/83: \$47,500,000  
Computer Services Offered: • Software Products •  
Professional Services

## SUBSIDIARIES:

**CAP Gemini Services, Inc.**

301 Maple Avenue West  
Vienna, VA 22180  
(703) 281-2060  
Leonard Jacoby, President

**CAP Gemini Software Products, Inc.**

2350 Valley View Lane  
Dallas, TX 75234  
(214) 247-5454  
Bryan L. Ausin, President  
Computer Services Offered: • Software Products

**CAP Group Ltd.**

## SUBSIDIARIES:

**CAP-CPP Inc.**

521 Fifth Avenue  
New York, NY 10175  
(212) 599-7000  
Jeffrey I. Jenner, President  
Total Sales FYE 4/84: \$3,000,000  
Computer Services Offered: • Professional Services

**CAP-CPP Inc.**

See: CAP Group Ltd.

**Capcom Systems, Inc.**

6001 Northwest 153rd St. Suite 160  
Miami Lakes, FL 33014  
(305) 521-0631  
A.J. Capodiferro, President  
Private  
Total Sales FYE 12/82: \$650,000  
Computer Services Offered: • Processing

**Capital Cities Communications Inc.**

24 East 51st Street  
New York, NY 10022  
(212) 421-9595

## SUBSIDIARIES:

**Securities Data Company, Inc.**

62 William Street  
New York, NY 10005  
(212) 668-0940  
William D. French, President  
Total Sales FYE 12/83: \$3,000,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**Capitol Bancorporation**

1 Bulfinch Place  
Boston, MA  
(617) 723-5300

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Key Entry Inc.**

One Bulfinch Place  
Boston, MA 02114  
(617) 723-5300

John E. Parigian, President  
Public

Cptr. Svcs. Revs. FYE 12/83: \$338,000  
Computer Services Offered: • Processing

**Capitol City Computer Services**

See: Sedalia Computer Services, Inc.

**Cappelletti, John Associates**

See: Computer Contractors Assn., Inc.

**Capro Inc.**

12781 Pala Dr  
Garden Grove, CA 92641  
(714) 891-1109

Computer Services Offered: • Software Products

**Capsco Software International**

6300 North River Road  
Rosemont, IL 60606  
(312) 692-6520

Ronald Stone, President

Private

Total Sales FYE 12/83: \$3,500,000 Est.

Computer Services Offered: • Processing • Software • Products • Professional Services

**Cara Corporation**

225 South 15th St.  
Philadelphia, PA 19102  
(215) 735-2000

Soleman R. Pollack, PH.D., President

Private

**Carra Corporation**

611 E. Butterfield Rd. Suite 110  
Lombard, IL 60148  
(312) 654-2405

Anthony Durkin, President

Private

Total Sales FYE 9/82: \$4,000,000 Est.

Computer Services Offered: • Software Products • Professional Services

**CARDS Inc.**

316 Main Street  
Elida, OH 45807  
(419) 331-3060

Mark Kitson, President

Private

Total Sales FYE 12/83: \$2,500,000 Est.

Computer Services Offered: • Processing • Software • Products • Turnkey Systems

**Cardware Inc.**

5301 Harford Road  
Baltimore, MD 21214  
(301) 426-2102

Dolores Teisinger, President

Private

**Care Computer Systems**

1720 130th Avenue, N.E.  
Bellevue, WA 98009  
(206) 451-8272

James L. Ingalls, President

Private

Total Sales FYE 9/84: \$6,000,000 Est.

Computer Services Offered: • Processing • Turnkey Systems

**Care Information Systems Inc**

3009 S. Sixth Street  
Springfield, IL 62703  
(217) 522-2273

John Struckhoff, President

Private

Total Sales FYE 2/84: \$1,000,000 Est.

Cptr. Svcs. Revs. FYE 2/84: \$200,000 Est.

Computer Services Offered: • Software Products

**Career Systems**

425 East 52 St  
New York NY 10022  
(212) 308-4410

Total Sales FYE 7/82: \$314,000

Computer Services Offered: • Processing

**CareerSystem Inc.**

See: General Database Technology, Inc.

**Carleton Corporation**

44 Bromfield St.  
Boston, MA 02108  
(617) 482-9870

Robert Wilbur, President

Private

Total Sales FYE 2/82: \$1,000,000 Est.

Computer Services Offered: • Software Products

**Carlson Marketing Group**

## SUBSIDIARIES:

**Maple Plain Company**

12755 State Hwy 55  
Minneapolis, MN 55359  
(612) 540-5192

Total Sales FYE 12/81: \$5,000,000

Cptr. Svcs. Revs. FYE 12/81: \$4,500,000

Computer Services Offered: • Processing

**Carlton Financial Systems**

## SUBSIDIARIES:

**Datalink Systems Inc.**

1818 Commerce Drive, P.O. Box 1316  
South Bend, IN 46624  
(219) 232-3023

Joseph Pitts, President

Private

Total Sales FYE 5/84: \$6,000,000 Est.

Computer Services Offered: • Processing • Software Products

## Directory of Computer Services Companies

**Carousel MicroTools**

609 Kearney Street  
El Cerrito, CA 94530  
(415) 528-1300  
Deborah Scherrer, President  
Private  
Total Sales FYE 7/83: \$500,000 Est.  
*Computer Services Offered:* • Software Products

**Cascade Data Inc.**

6116 Parview Dr. SE  
Grand Rapids, MI 49506  
(616) 942-1420  
Robert J. McAndrews, President  
Private

**Cash Management Systems, Inc.**

P.O. Box 6058 Suite E200  
Akron, OH 44312  
(216) 699-2241  
Gary Hendrickson, President  
Private  
*Computer Services Offered:* • Software Products • Professional Services

**Casper Processors Inc**

PO Box 570  
Mills, WY 82644  
(307) 235-6616  
*Computer Services Offered:* • Processing

**Catalalectics SunData (CATCO)**

See: SunData Corporation

**Catalyst Corporation**

See: Peat, Marwick, Mitchell & Co.

**Catalyst USA Inc.**

See: Lyon Metal Products

**Chord Group Inc. (The)**

110 Meadow St., N.  
Ithaca, NY 14850  
(607) 272-2410  
John E. Alexander, President  
Private  
Total Sales FYE 6/82: \$900,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Cdex Corporation**

5050 El Camino Real  
Los Altos, CA 94022  
(415) 964-7600  
Bruce Frisch, President  
Private  
*Computer Services Offered:* • Software Products

**Celina Financial Corp.**

## SUBSIDIARIES:

**Midwest Data Systems, Inc.**

One Insurance Square, P.O. Box 108  
Celina, OH 45822  
(419) 586-5181  
Martin A. Herf, President  
Public  
Total Sales FYE 12/83: \$6,345,551  
Cptr. Svcs. Revs. FYE 12/83: \$3,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Censor & Company**

201 East 25th Street  
New York, NY 10010  
(212) 679-5662  
John Censor, Managing Partner  
Private

**Centec Corporation**

11260 Roger Bacon Drive  
Reston, VA 22090  
(703) 471-6300  
Paul Minor, President  
Private  
Total Sales FYE 8/83: \$6,000,000  
Cptr. Svcs. Revs. FYE 8/83: \$3,000,000  
*Computer Services Offered:* • Professional Services • Turnkey Systems

**Centennial Computer Services Inc.**

One Northside-75 Suite 108  
Atlanta, GA 30318  
(404) 352-3838  
James E. Pierce, President  
Private  
Total Sales FYE 1/81: \$300,000  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Center for Cobol Software, Inc.**

1850 Lee Rd., Ste. 304  
Winter Park, FL 32789  
(305) 29-1023  
R.P. Conniff, President  
Private

**Center Fuel**

## SUBSIDIARIES:

**EDS Timesharing**

2150 N. Prospect Avenue  
Milwaukee, WI 53202  
(414) 462-7400  
Allan Kelling, President  
Private

**Centex**

575 North Pastora Ave.  
Sunnyvale, CA 94086  
(408) 749-9211  
Wayne Murakami, President  
Private  
Total Sales FYE 12/82: \$3,000,000 Est.  
*Computer Services Offered:* • Turnkey Systems

**Central Bank & Trust**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**BMA Data Processing, Inc.**

1174 East 2700 South Suite 21  
Salt Lake City, UT 84106  
(801) 486-0033  
Paul Evans, President  
Private

**Central Bank Automation**

See: Central Banking System

**Central Bank Corporation**

## DIVISIONS:

**Central Trust Company, The Computer Services Department**

310 Race Street  
Cincinnati, OH 45202  
(513) 651-8000  
Oliver W. Birkhead, Chairman

**Central Banking System**

## SUBSIDIARIES:

**Central Bank Automation**

2655 Stanwell Road  
Concord, CA 94524  
(415) 676-2550  
Robert Smith, President  
Private

**Central Computing Company**

See: Citizens National Bank

**Central Credit**

PO Box 26777  
Las Vegas, NV 89126  
(702) 876-3639  
Tod Early, President

Computer Services Offered: • Processing

**Central Data Processing Inc.**

8007 Cryden Way  
Forestville, MD 20784  
(301) 568-4900

Computer Services Offered: • Processing

**Central Data Processing Inc.**

7608 North Hudson  
Oklahoma City, OK 73116  
(405) 843-9949

Computer Services Offered: • Processing

**Central Data Systems**

23880 Industrial Park Dr.  
Farmington Hills, MI 48024  
(313) 478-7000  
Stanley Saladyk, President  
Private

**Central National Bank of Cleveland**

See: Centron Bancshares Corporation

**Central Systems Incorporated**

4440 Sigma Rd  
Dallas, TX 75234  
(214) 239-8511  
Carol Maxwell, President  
Private  
Total Sales FYE 7/81: \$800,000 Est.  
Computer Services Offered: • Software Products • Turnkey Systems

**Central Trust Company, The Computer Services Department**

See: Central Bank Corporation

**Centron Bancshares Corporation**

## SUBSIDIARIES:

**Central National Bank of Cleveland**

800 Superior Ave.  
Cleveland, OH 44114  
(216) 344-3000  
Wilson M. Brown, Jr., President

**Century Analysis Inc.**

114 Center Avenue  
Pacheco, CA 94553  
(415) 680-7800  
Private  
Total Sales FYE 6/83: \$13,300,000 Est.  
Computer Services Offered: • Software Products

**Century Associates**

410 Pecan Heights  
Alexander City, AL 35010  
(205) 329-2663  
Clarence A. Nichles, President

Private  
Computer Services Offered: • Software Products

**Cerritos Computer Services**

4320 Atlantic Ave, Ste. 1  
Long Beach, CA 90807  
(213) 424-6403  
Joseph P. Cagan, President

Private  
Computer Services Offered: • Software Products • Turnkey Systems

**Chain Store Systems Ltd**

303 Wacker, E.  
Chicago, IL 60601  
(312) 938-0171  
Charles D. Fitzmorris, President  
Total Sales FYE 12/83: \$3,100,000 Est.  
Computer Services Offered: • Software Products

**Chama Corporation**

1128 North Second  
El Cajon, CA 92021  
(619) 442-9413  
Charles Phillips, President  
Private

**Champion Service Corporation**

See: Citizens Financial Corporation

## Directory of Computer Services Companies

**Chancellor Computer Corp.**

1305 Grandview Dr.  
South San Francisco CA 94080  
(415) 872-2346

Bruce Chancellor, President

Private

Computer Services Offered: • Turnkey Systems

**Chang Laboratories Inc.**

10228 North Stelling Rd  
Cupertino, CA 95014  
(408) 725-8088

Darhsung Chang, President

Private

Computer Services Offered: • Software Products

**Channel Systems International**

4129 State Street  
Santa Barbara, CA 93110  
(805) 963-8694

Robert Ploger, General Manager

**Charter Information Corp**

2421 Rutland Dr  
Austin, TX 78758  
(512) 835-1111

Computer Services Offered: • Turnkey Systems

**Charter Medical Corporation**

## DIVISIONS:

**Medical Data Services**

905 South Lake Boulevard  
Richmond, VA 23236  
(804) 643-0231

Robert Porter, President

Total Sales FYE 9/83: \$13,000,000 Est.

Cptr. Svcs. Revs. FYE 9/83: \$6,500,000 Est.

Computer Services Offered: • Processing • Turnkey Systems

**Chase Econometrics/ Interactive Data Corporation**

*Name Changed To: Interactive Data Corporation*

**Chase Manhattan Bank, N.A.**

## SUBSIDIARIES:

**Chase-TCMS**

560 Mission Street  
San Francisco, CA 94105  
(415) 495-8877

Charlie Gibbs, President

Total Sales FYE 12/83: \$5,000,000 Est.

Computer Services Offered: • Processing

**\* Computer Power Inc.**

661 Riverside Avenue  
Jacksonville, FL 32204  
(904) 358-1424

David M. Hicks, President

Private

Total Sales FYE 12/83: \$32,393,000

Computer Services Offered: • Processing • Software Products • Professional Services

**Interactive Data Corporation**

486 Totten Pond Road  
Wallham, MA 02134  
(617) 890-1234

Carl G. Wolf, President

Total Sales FYE 12/83: \$100,000,000

Cptr. Svcs. Revs. FYE 12/83: \$76,000,000 Est.

Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Interactive Data Services, Inc.**

22 Cortlandt Street  
New York, NY 10007  
(212) 306-6500

G. Randolph Bevis, President

Computer Services Offered: • Processing • Software Products

**Chase-TCMS**

See: Chase Manhattan Bank, N.A.

**Cheltonian Inc.**

See: Cheltonian Ltd.

**Cheltonian Ltd.**

## SUBSIDIARIES:

**Cheltonian Inc.**

10085 West Park Dr, Ste C  
Houston, TX 77042  
(713) 781-2300

Tony Welsh, General Manager

Total Sales FYE 12/81: \$2,200,000 Est.

Computer Services Offered: • Turnkey Systems

**Chemical Abstracts Services (CAS)**

See: American Chemical Society

**Chemshare Corp.**

See: Texas McCan

**Chi/Cor Information Management, Inc.**

10 South Riverside Plaza  
Chicago, IL 60606  
(312) 454-9670

K.F. Effgen, President

Private

Total Sales FYE 6/83: \$1,000,000 Est.

Computer Services Offered: • Professional Services

**Chicago Computer Services, Inc**

N Riverside Plaza, Rm 1135  
Chicago, IL 60606  
(312) 782-7823

John Munro, President

**Chicago Title & Trust Company**

## SUBSIDIARIES:

**Hall and McChesney**

P.O. Box 4889  
Syracuse, NY 13221  
(315) 422-3131

Frank J. Ruck, President

## Directory of Computer Services Companies

**Chilton Corporation**

12606 Greenville Ave.  
Dallas, TX 75243  
(214) 699-6111  
Van A. Smith, President  
Public  
Total Sales FYE 3/83: \$54,029,000  
Cptr. Svcs. Revs. FYE 3/83: \$7,564,060  
Computer Services Offered: • Processing

**CHIPS, Inc.**

2923 Elm Place  
Reading, PA 19609  
(215) 373-5146  
Kerry L. Klick, President  
Private  
Total Sales FYE 3/81: \$366,000  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Christensen, Laurits R. Associates, Inc.**

810 University Bay Dr.  
Madison, WI 53705  
(608) 231-2266  
Laurits Christensen, President  
Private  
Computer Services Offered: • Professional Services • Turnkey Systems

**Christian Rousing**

## SUBSIDIARIES:

**Christian Rousing Computer Systems**

1145 West Collins Ave.  
Orange, CA 92667  
(714) 633-8660  
Lars Arbb, President  
Private  
Computer Services Offered: • Software Products • Turnkey Systems

**Christian Rousing Computer Systems**

See: Christian Rousing

**Chubb & Son, Inc.**

190 River Road  
Summit, NJ 07901  
(201) 467-6540  
John Boscardin, President  
Private  
Cptr. Svcs. Revs. FYE 12/81: \$500,000 Est.  
Computer Services Offered: • Processing • Software Products

**Church Data Associates (CDA)**

6378 N. College Ave.  
Indianapolis, IN 46220  
(317) 251-9101  
Dave Wheelless, President  
Private

**Cincom Systems, Inc.**

2300 Montana Avenue  
Cincinnati, OH 45211  
(513) 662-2300  
Thomas M. Nies, President and CEO  
Private  
Total Sales FYE 9/84: \$90,000,000  
Computer Services Offered: • Software Products

**Circle Computer Services**

920 Remington Rd.  
Schaumburg, IL 60195  
(312) 884-2424  
Joe Conroy, President  
Private  
Total Sales FYE 12/83: \$8,000,000 Est.  
Cptr. Svcs. Revs. FYE 12/83: \$5,000,000 Est.  
Computer Services Offered: • Professional Services

**Circle Software Corporation**

1100 31st Street, Suite 240  
Downers Grove, IL 60515  
(312) 960-2902  
E. Klemens, President  
Private  
Computer Services Offered: • Software Products • Professional Services

**CISCO, Inc.**

Acquired/merged with: National Data Corporation

**CISI Group**

## SUBSIDIARIES:

**CISInetwork Corporation**

16625 Saticoy Street  
Van Nuys, CA 91406  
(213) 781-8221  
Bill Barancik, President  
Total Sales FYE 4/83: \$23,000,000 Est.  
Computer Services Offered: • Processing • Professional Services

## SUBSIDIARIES:

**Proprietary Computer Systems, Inc.**

16625 Saticoy St.  
Van Nuys, CA 91406  
(213) 781-8221  
Bill Barancik, President  
Private  
Computer Services Offered: • Processing

**UNI-COLL Corporation**

3401 Science Center  
Philadelphia, PA 19104  
(215) 387-3890  
James D. Gallagher, President  
Computer Services Offered: • Processing • Professional Services

**CISInetwork Corporation**

See: CISI Group

**Citibank NA**

See: Citicorp

**Citicorp**

399 Park Avenue  
New York, NY 10043  
(212) 559-1000  
Cptr. Svcs. Revs. FYE 12/83: \$60,000,000 Est.  
Computer Services Offered: • Processing

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Citibank NA**  
399 Park Avenue  
New York, NY 10022  
(212) 559-3230

## SUBSIDIARIES:

**Bankers Data Processing, Inc.**  
150 Tremont  
Boston, MA 02111  
(617)357-5670

**Citicorp Remote Computer Service - PG Data Center**  
Memory Lane  
Garrettsville, OH 44231  
(216) 527-2108  
David James, Vice President

**Colorado Computer Center, Inc.**  
1080 Cherokee  
Denver, CO 80204  
(303) 534-6622  
L. R. Kintzele Jr., President  
Private

**Computer Professionals Unlimited, Inc.**  
16025 Northland Drive  
Southfield, MI 48075  
(313) 557-5577  
Ralph Klink, President  
Private

**Financial Data Systems, Inc.**  
463 New Ballas Rd. S.  
St. Louis, MO 63141  
(314)567-1940  
William W. Canfield, President

**Intercontinental Computing, Inc.**  
10660 Mastin  
Overland Park, KS 66212  
(913)541-9260  
Jerry Baker, President

**Southwest Data Center**  
3903 Hartsdale Dr.  
Houston, TX 77063  
(713)961-9055

**Citicorp Remote Computer Service - PG Data Center**  
See: Citicorp

**Citizens & Southern National Bank, Computer Services Div.**  
99 Annex  
Atlanta, GA 30399  
(408) 581-2289  
Bennett Brown, Chairman

**Citizens Data Center Department**  
See: Citizens National Bank

**Citizens Financial Corporation**  
7061 E. Pleasant Valley Road  
Independence, OH 44131  
(216) 447-1740  
James P. Cozzens, Chairman and President  
Public  
Total Sales FYE 12/83: \$96,320,000  
Cptr. Svcs. Revs. FYE 12/83: \$9,150,000  
Computer Services Offered: • Processing

## SUBSIDIARIES:

**Champion Service Corporation**  
19001 Villaview Drive  
Cleveland, OH 44119  
(216) 692-3660  
John R. Hall, President  
Computer Services Offered: • Processing

## Citizens National Bank

## DIVISIONS:

**Citizens Data Center Department**  
Landmark Mall  
Decatur, IL 62525  
(217) 424-2200  
William Irvin, Director  
Private  
Total Sales FYE 12/83: \$5,000,000 Est.  
Computer Services Offered: • Processing • Software Products

## SUBSIDIARIES:

**Central Computing Company**  
360 Citizens Building  
Decatur, IL 62525  
(217) 428-2188  
Ronald L. Scheetz, President  
Private

## Citizens Savings Bank

## SUBSIDIARIES:

**Canton Automated Systems, Inc.**  
100 Central Plaza S., P.O. Box 110  
Canton, OH 44701  
(216) 489-3738  
Larry W. Machan, President  
Total Sales FYE 9/83: \$4,000,000 Est.  
Computer Services Offered: • Processing • Software Products

## Claritas

1911 N. Fort Meyer Dr.  
Arlington, VA 22209  
(202)703-9220  
Samuel G. Barton III, President  
Total Sales FYE 3/81: \$2,500,000 Est.  
Computer Services Offered: • Processing

**Clay Bernard Systems International (CBSI)**  
See: SPS Technology



## Directory of Computer Services Companies

### Clayton Associates

P.O. Box 90716  
Los Angeles, CA 90009  
(213) 670-2204  
Billy B. Clayton, President  
Private

### Cliff Data Systems, Inc.

111 Kinderkamack Rd.  
River Edge, NJ 07661  
(201) 489-2228  
Paul H. Cohen, President  
Private

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

### Club Data Corporation

6760 Shady Oak  
Eden Prairie, MN 55344  
(612) 941-0855  
Larry Jensen, President

### Coap Planning Company

See: COAP Systems, Inc.

### COAP Systems, Inc.

175 I.U. Willets Road  
Albertson, NY 11507  
(516) 484-1920  
Carl G. Paffendorf, President

#### SUBSIDIARIES:

### Coap Planning Company

1 Plaza Road  
Greenville, NY 11548  
(516) 484-1920  
Albert G. Cali, President

### Coast Mailing Corporation

1154 Sonora Court  
Sunnyvale, CA 94086  
(408) 733-6600  
Michael Smith, President  
Private

### Coastal Information Systems, Inc.

15643 Sherman Way, Ste. 110  
Van Nuys, CA 91406  
(213) 787-8222  
Allen Starczyk, President  
Total Sales FYE 12/82: \$750,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services

### Codase Inc.

502 Franklin Avenue  
Nutley, NJ 07110  
(201) 235-1516  
Leonard Centonze, Jr., President

### Cogito Data Systems, Inc.

90 Wall Street  
Princeton, NJ 08540  
(609) 924-7200  
Anthony J. DePaul, Chairman  
Private  
Total Sales FYE 10/83: \$10,300,000 Est.  
*Computer Services Offered:* • Processing • Professional Services • Turnkey Systems

#### SUBSIDIARIES:

### Mainstem Corporation

Princeton Forrestall Center  
Princeton, NJ 08540  
*Computer Services Offered:* • Processing • Professional Services

### Cognitive Systems, Inc.

234 Church Street  
New Haven, CT 06510  
(203) 773-0726  
Dr. David Fox, President  
Private  
Total Sales FYE 7/84: \$1,000,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

### Cognos Corporation

See: Cognos Incorporated

### Cognos Incorporated

275 Slater Street, 10th Floor  
Ottawa, Ontario, K 1P5H9  
(613) 237-1440  
M.U. Potter, Chairman and President  
Private  
Total Sales FYE 8/84: \$20,000,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

#### SUBSIDIARIES:

### Cognos Corporation

1801 Oakland Boulevard, Suite 100  
Walnut Creek, CA 94596  
(415) 943-7277  
Jeremy B. Butler, President  
*Computer Services Offered:* • Software Products

### Cole-Layer-Trumble Co.

See: Day & Zimmermann, Inc.

### Cole, Carter L. Company

6355 Topanga Canyon Blvd, Suite 407  
Woodland Hills, CA 91367  
(213) 882-5235  
Carter L. Cole, President

### Collateral Investment Company

2100 First Avenue North  
Birmingham, AL 35203  
(205) 252-1000  
W. T. Ratliff, President  
Private

## Directory of Computer Services Companies

**Collier-Jackson, Inc.**

3707 West Cherry Street  
Tampa, FL 33607  
(813) 872-9990  
Charles W. Jackson, President  
Private  
Total Sales FYE 12/83: \$6,865,698  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Colonial Data Systems, Inc.**

8080 NE 5th Ave.  
Miami, FL 33138  
(305) 751-1304

**Colonial Mortgage Service Company**

See: Philadelphia National Bank

**Colonial Penn Insurance**

## SUBSIDIARIES:

**Real Estate Data**

2398 NW 119th St  
Miami, FL 33167  
(305) 685-5731  
Jim Metcalf, President  
Total Sales FYE 12/82: \$27,000,000 Est.  
*Computer Services Offered:* • Processing

**Colorado Computer Center, Inc.**

See: Citicorp

**Columbia Computing Services, Ltd.**

1132 Hamilton Street  
Vancouver, BC B6B2S  
(604) 688-8501  
Robert M. Delf, President  
Private  
Total Sales FYE 3/84: \$2,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products

## SUBSIDIARIES:

**Columbia Computing services, Inc.**

8611 South 212th Street  
Kent, WA 98031  
(206) 872-0283  
Robert M. Delf, President  
*Computer Services Offered:* • Software Products

**Columbia Computing services, Inc.**

See: Columbia Computing Services, Ltd.

**Com Code Corporation**

3989 Research Park Blvd  
Ann Arbor, MI 48104  
(313) 665-8811  
Charles Hoffgartner, President  
Private  
Total Sales FYE 12/82: \$500,000 Est.  
*Computer Services Offered:* • Software Products

**COM-MAIL**

5185 MacArthur Boulevard N.W.  
Washington, DC 20016  
Gary M. Siegel, President  
*Computer Services Offered:* • Software Products

**COM-MED**

See: Computer Network Corporation

**Com-Pro Division Of Meszaros**

2775 Main Street  
Buffalo, NY 14214  
(716) 836-7301  
Les Meszaros, President  
Private  
Total Sales FYE 10/84: \$2,500,000  
*Computer Services Offered:* • Professional Services

**Comarco, Inc.**

100 West Cerritos Avenue  
Anaheim, CA 92805  
(714) 535-2464  
Howard Sommer, Chairman and CEO  
Public  
Total Sales FYE 12/83: \$22,313,000  
Cptr. Svcs. Revs. FYE 12/83: \$11,039,000  
*Computer Services Offered:* • Professional Services •  
Turnkey Systems

**Combined International Corp.**

## SUBSIDIARIES:

**Neshaminy Valley Information Processing Inc. (NVIP)**

4850 Street Road  
Trevose, PA 19049  
(215) 322-2285  
Robert J. Werner, President  
Cptr. Svcs. Revs. FYE 12/83: \$18,000,000 Est.  
*Computer Services Offered:* • Processing

**Comcheq Services Ltd.**

499 Portage Ave  
Winnipeg, MB R3B2E  
(204) 786-6481  
William Loewen, President  
*Computer Services Offered:* • Processing • Software  
Products

**Comcorp Data Systems Inc.**

459 West 15th St.  
New York, NY 10001  
(212) 242-1879  
Gary N. Comorau, President

**Comdata Network, Inc.**

2209 Crestmoor Road, P.O. Box 15822  
Nashville, TN 37215  
(615) 385-0400  
C.W. Harter, Jr., President and CEO  
Public  
Total Sales FYE 12/83: \$63,369,079  
*Computer Services Offered:* • Processing

# Directory of Computer Services Companies

## Comm-Pro Associates

350 N Sepulveda Blvd, Ste 10  
Manhattan Beach, CA 90266  
(213) 376-1344  
Steve Dubow, Partner  
Private  
Total Sales FYE 7/82: \$1,000,000  
Computer Services Offered: • Software Products • Professional Services

## Command Control And Communications Corporation

23670 Hawthorne Boulevard  
Torrance, CA 90505  
(213) 373-9651  
Malcom K. Beyer, Jr., President  
Private  
Total Sales FYE 8/83: \$16,800,000  
Computer Services Offered: • Professional Services

## Commerce Clearing House

### SUBSIDIARIES:

#### CCH Computax, Inc.

P.O. Box 92938, Worldway Postal Center  
Los Angeles, CA 90009  
(213) 540-3881  
Thomas G. Rolfe, President  
Public  
Total Sales FYE 12/83: \$109,218,054  
Computer Services Offered: • Processing • Turnkey Systems

### SUBSIDIARIES:

#### CCH Computax Systems, Inc.

7174 University Avenue  
La Mesa, CA 92041  
Computer Services Offered: • Turnkey Systems

## Commerce General Corp.

See: National Bank of Commerce

## Commercial Bank & Trust Co., Computer Services Div.

P.O. Box 1090  
Paris, TN 38242  
(901) 642-3341  
S.G. Campbell, President  
Private

## Commercial Computer Services, Inc.

3000 Dundee Rd. Suite 402  
Northbrook, IL 60062  
(312) 480-9880  
Stuart Katz, President  
Private

## Commercial Computer Services Inc.

309 West 7th Street  
Fort Worth, TX 76102  
(817) 335-6411  
W. Clark Martin Jr., President  
Private

## Commercial Data Corp.

5100 NW 9th Ave.  
Fort Lauderdale, FL 33309  
(305) 491-5121  
Rene Barcelo, President  
Private  
Computer Services Offered: • Processing • Software Products

## Commercial Programming Services Inc

7400 Metro Blvd  
Minneapolis, MN 55435  
(612) 471-8448  
Computer Services Offered: • Software Products

## Commercial Resources

400 South Main Street  
Naperville, IL 60540  
(312) 357-1800  
Alan Schuster, President  
Private  
Total Sales FYE 12/83: \$3,000,000 Est.  
Computer Services Offered: • Processing • Software Products

## Commercial Software, Inc.

370 Lexington Avenue  
New York, NY 10017  
(212) 557-0350  
Anthony Abbott, President  
Private  
Total Sales FYE 4/84: \$3,500,000 Est.  
Computer Services Offered: • Software Products • Professional Services

## Commercial Systems Corp.

P.O. Box 2338  
Auburn, AL 36830  
(205) 821-1117  
Kenneth A. Coker, President

## Commercial Systems, Inc.

See: Mednet, Inc.

## Commercial Timesharing Inc.

PO Box 1653  
Akron, OH 44309  
(216) 253-6420  
Computer Services Offered: • Software Products

## Commercial Union Leasing Corp.

115 E. 57th Street  
New York, NY 10022  
(212) 644-0920  
Samuel J. Dressler, President

## Commodity Information Services Co. (CISCO)

327 S. LaSalle, Suite 800 Suite 800  
Chicago, IL 60604  
(312) 922-3661  
Donald Jones, Owner  
Private  
Total Sales FYE 12/84: \$500,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

## Commodity Research Institute

## Directory of Computer Services Companies

## DIVISIONS:

**CRI**

2570 El Camino Real  
Mt. View, CA 94040  
(415) 941-4646  
Richard F. Dumas, President  
Total Sales FYE 7/81: \$825,000 Est.  
Computer Services Offered: • Processing • Software  
Products

**Commonwealth Bank & Trust Co.  
Computer Services Division**

101 West 3rd St  
Williamsport, PA 17701  
(717) 323-8611  
William Davis, President  
Private

**Communication Controls, Inc.**

6200 Gulf Frwy, Ste 205A  
Houston, TX 77023  
(713) 644-9094

**Communications Computer Services Inc**

16336 Floyd Circle  
Dallas, TX 75243  
(214) 238-9606  
Bob Powell, President  
Private  
Computer Services Offered: • Processing

**Communications Concepts**

1044 Pulinski Dr.  
Ivyland, PA 18974  
(215) 672-6900

**Communications Processing Group Inc.**

1180 Ave of the Americas  
New York, NY 10036  
(212) 354-2211  
Computer Services Offered: • Processing • Software  
Products • Turnkey Systems

**Communications Research Group**

See: Data Systems Of Baton Rouge Rouge, Inc.

**Communications Solutions Inc.**

See: Control Data Corporation

**Community Computer Corporation**

185 West School House Lane  
Philadelphia, PA 19144  
(215) 849-1200  
Ernest L. Philips, President  
Private

**Comnet Corporation**

Acquired/merged with: Comdata Network, Inc.

**COMNET Information Systems**

See: Computer Network Corporation

**Comp Act Data Systems Inc.**

14849 Magnolia  
Sherman Oaks, CA 91403  
(213) 783-8245  
Patrick Conti, President  
Private

**Comp Info Inc.**

1860 Broadway  
New York, NY 10023  
(212) 246-7340  
Yiorgas Athanassatos, President  
Private  
Total Sales FYE 7/82: \$1,500,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

**Comp-Tron Inc.**

1035 North Calvert Street  
Baltimore, MD 21202  
(301) 752-3728  
August Noack, President  
Private

**Comp-U-Card International Inc.**

707 Summer Street  
Stamford, CT 06901  
(203) 324-9261  
Walter A. Forbes, President  
Public  
Total Sales FYE 1/84: \$9,488,000  
Cptr. Svcs. Revs. FYE 1/84: \$7,000,000 Est.  
Computer Services Offered: • Processing

## SUBSIDIARIES:

**CUC Insurance Services**

777 Summer Street  
Stamford, CT 06901  
(203) 324-9261  
Rebecca Maddox, President  
Computer Services Offered: • Processing

**Comp-U-Check, Inc.**

16250 Northland Drive  
Southfield, MI 48075  
(313) 569-1448  
Ronald T. Hill, President  
Public  
Total Sales FYE 11/83: \$5,907,482  
Computer Services Offered: • Processing

**Comp-u-Staff, Inc.**

1 Investment Place  
Towson, MD 21204  
(301) 828-0788  
Hank Post, President  
Private  
Total Sales FYE 12/83: \$7,800,000  
Computer Services Offered: • Professional Services

**Compact Software Systems**

See: COMSAT General Corporation

**Compagnie Generale De Geophysique**

## SUBSIDIARIES:

**Georex Inc.**

1 Park Central, Suite 354  
Denver, CO 80202

## Directory of Computer Services Companies

## SUBSIDIARIES:

**CGG Data Processing Service Inc.**

1475 Lawrence Street 4th Floor  
 Denver, CO 80202  
 (303) 825-2277  
 Cptr. Svcs. Revs. FYE 12/82: \$30,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products

**Compata, Inc.**

23445 Vanowen Street  
 Canoga Park, CA 91307  
 (818) 884-5400  
 D.H. Close, President  
 Private  
 Total Sales FYE 12/83: \$100,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Compdata**

*See:* Comprehensive Design, Inc. (CDI)

**Compeda Inc.**

*See:* Prime Computer Inc.

**Compensation Resources, Inc. (CRI)**

595 W. Hartsdale Avenue  
 White Plains, NY 10607  
 (914) 682-1461  
 Norman Schibuk, CEO  
 Private  
 Total Sales FYE 1/84: \$1,500,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Complete Computer Systems**

159 Gibraltar Rd.  
 Horsham, PA 19044  
 (215) 441-4200  
 Paul H. Plotnick, President  
 Private  
 Total Sales FYE 1/82: \$1,000,000  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Complex Systems Inc.**

130 Cedar St  
 New York, NY 10006  
 (212) 766-4324  
 Gad Janay, Principal Owner  
 Private  
 Total Sales FYE 7/82: \$2,500,000

**Comprehensive Design, Inc. (CDI)**

## SUBSIDIARIES:

**Compdata**

195 Woodchester Road, P.O. Box 316  
 Wellesley Hills, MA 02181  
 (617) 235-3633  
 John Cassandra, General Manager

**Comprehensive Tax Systems**

*See:* Computer Services Associates

**Comptek Research Inc.**

45 Oak Street One Technology Center  
 Buffalo, NY 14203  
 (716) 842-2700  
 William K. La Sala, President  
 Private  
 Total Sales FYE 3/83: \$16,815,000  
 Cptr. Svcs. Revs. FYE 3/83: \$16,600,000  
*Computer Services Offered:* • Professional Services • Turnkey Systems

**Compu-Center Company Inc.**

312 Kentucky, Ste A  
 Bakersfield, CA 93305  
 (805) 323-8248  
 John E. Riehl, President  
 Private

**Compu-Link Corporation**

*See:* Beverley Enterprises

**Compu-Share, Inc.**

3824 50th Street  
 Lubbock, TX 79413  
 (806) 792-3785  
 Marvin Crossnoe, President  
 Private  
 Total Sales FYE 12/81: \$1,300,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Compu-Tome, Inc.**

668 S Sunset Ave  
 West Covina, CA 91790  
 (213) 960-2895  
*Computer Services Offered:* • Software Products

**Compu/Think**

963 West Maude Ave.  
 Sunnyvale, CA 94086  
 (408) 245-4033  
 Steven Magee, President  
 Private

**Compucare, Inc.**

8200 Greensboro Drive  
 McLean, VA 22102  
 (703) 821-8858  
 Ronald V. Aprahamian, Chairman and President  
 Public  
 Total Sales FYE 12/83: \$39,879,000  
 Cptr. Svcs. Revs. FYE 12/83: \$34,279,000  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Compucon, Inc.**

*See:* Dun and Bradstreet

**Compudata Inc.**

1654 Riverdale Street  
 West Springfield, MA 01089  
 (413) 737-1950  
 Marie Barch, President  
 Private

**Compudata Inc.**

417 N. 8th Street  
 Philadelphia, PA 19123  
 (215) 592-9996

## Directory of Computer Services Companies

**Computada Systems, Inc.**

772 Post Road East  
Westport, CT 06880  
(203) 226-4791  
Paul Mastroni, President  
Private

**Compufact**

1430 South Village Way Suite M  
Santa Ana, CA 92705  
(714) 972-2000  
Bob Pliha, President

Private  
Total Sales FYE 12/83: \$5,000,000 Est.  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Compumax, Inc.**

P.O. Box 7239  
Menlo Park, CA 94026  
(415) 854-6700  
Tom Bun, President

Private  
Total Sales FYE 12/83: \$500,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**University Software**

P.O. Box 4544  
Stanford, CA 94305  
(415) 323-3365  
Tom Bun, President

**CompuMed/Systemedics**

753 Boulevard  
Kenilworth, NJ 07033  
(201) 241-5563  
Total Sales FYE 12/82: \$15,000,000  
*Computer Services Offered:* • Processing

**Compupower Corporation**

See: Bernhard, Arnold & Co., Inc.

**CompuServe Incorporated**

See: H & R Block

**CompuShop**

13929 Central Expwy. N Keystone Park  
Dallas, TX 75201  
(214) 234-5412  
*Computer Services Offered:* • Software Products

**Compuslide Inc.**

1801 Century Park East Suite 1221  
Los Angeles, CA 90067  
(213) 556-2447

**Computab Inc.**

700 Bishop Street, Suite 306  
Honolulu, HI 96813  
(808) 521-4734  
Dennis W. Fitzgerald, Chairman  
Private  
Total Sales FYE 3/84: \$7,000,000 Est.  
*Computer Services Offered:* • Processing

**Computation Planning, Inc.**

7840 Aberdeen Road Suite 600  
Bethesda, MD 20014  
(301) 454-1800  
Herbert S. Bright, President  
Private

**Compute-R-Systems, Inc.**

5165 Campus Drive  
Plymouth Meeting, PA 19462  
(215) 825-7500  
Harry L. Beisswenger, President  
Private  
Total Sales FYE 3/84: \$7,500,000 Est.  
*Computer Services Offered:* • Processing • Turnkey Systems

**Computech Corporation**

2534 Main Street  
Glastonbury, CT 06033  
(203) 659-0344  
Edward G. Caputo, President  
Private  
Total Sales FYE 6/83: \$1,800,000 Est.  
*Computer Services Offered:* • Professional Services

**CompuTek Computing Corporation**

7489 46th Pl., E.  
Tulsa, OK 74145  
(918) 622-5305  
Jack Moore, President  
Total Sales FYE 3/81: \$2,078,776  
*Computer Services Offered:* • Processing • Turnkey Systems

**Computer Accounting Systems Inc.**

P.O. Box 1154  
Tacoma, WA 98401  
(206) 272-7350  
David Morris, President  
Private

**Computer Aided Manufacturing-  
International, Inc (CAM-I)**

611 Ryan Plaza Drive, Suite 1107  
Arlington, TX 76011  
(817) 860-1654  
Kenneth R. Haeusler, President  
Public  
Total Sales FYE 12/83: \$3,750,000  
*Computer Services Offered:* • Professional Services

**Computer Application Systems Inc.**

1340 Neptune Dr  
Boynton Beach, FL 33435  
(305) 736-3500  
James D. Baker, President  
Private  
Total Sales FYE 6/83: \$1,000,000  
*Computer Services Offered:* • Turnkey Systems

**Computer Applications Corporation**

2400 Poplar Avenue, Suite 318  
Memphis, TN 38112  
(901) 458-8630  
John Cox, President  
Private  
*Computer Services Offered:* • Software Products • Professional Services

## Directory of Computer Services Companies

**Computer Applied Systems Inc.**

497 Hill Street  
 York, PA 17403  
 (717) 848-2431  
 Clyde R. Snyder, President  
 Private  
 Total Sales FYE 9/82: \$518,000  
*Computer Services Offered:* • Processing • Turnkey Systems

**Computer Assistance International, Inc.**

200 Park Road  
 West Hartford, CT 06119  
 (203) 233-9848  
 Thomas P. McDonagh, Jr., President  
 Public  
 Total Sales FYE 11/83: \$14,399,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Computer Assistance, Inc.**

759 Stouffer Ave. P.O. Box 412  
 Chambersburg, PA 17201  
 (717) 263-5909  
 William H. Kelly, President  
 Private

**Computer Associates International, Inc.**

125 Jericho Turnpike  
 Jericho, NY 11753  
 (516) 333-6700  
 Charles B. Wang, President  
 Public  
 Total Sales FYE 3/84: \$84,731,626  
*Computer Services Offered:* • Software Products

## DIVISIONS:

**Sorcim/IUS**

2310 Lundy Avenue  
 San Jose, CA 95131  
 (408) 942-1727  
 James Pelkey, President  
*Computer Services Offered:* • Software Products

**Computer Associates Inc.**

1814 South Main St. PO Box 328 A  
 South Bend, IN 46624  
 (219) 232-7921  
 James A. Gross, President  
 Private  
 Total Sales FYE 2/82: \$600,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Computer Associates Inc.**

1318 South 200 West  
 Salt Lake City, UT 84115  
 (801) 487-1391  
 Cecil Bohn, President  
 Private

**Computer Automation, Inc. Naked Mini Division**

18651 Von Karman Ave.  
 Irvine, CA 92714  
 (714) 833-8830

**Computer Bugs (The)**

P.O. Box 789  
 Boynton Beach, FL 33435  
 (305) 737-4738  
 James G. Baker, Owner  
 Private

**Computer Center Inc.**

423 West Monument Street  
 Baltimore, MD 21201  
 (301) 728-3883  
 Jerome Markman, President  
 Private

**Computer Center, Inc.**

13490 N.W. 45th Avenue  
 Opa Locka, FL 33059  
 (305) 687-1234  
 Frank Nichols, President  
 Private  
 Total Sales FYE 12/83: \$600,000  
*Computer Services Offered:* • Processing • Software Products

**Computer Center, The**

366 U.S. Route 1  
 Falmouth, ME 04105  
 (207) 781-2260  
 John S. Marr, President  
 Private  
 Cptr. Svcs. Revs. FYE 8/83: \$2,250,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Computer Company (The)**

1905 Westmoreland Street  
 Richmond, VA 23230  
 (804) 358-2171  
 Walter R.T. Witschey, President  
 Public  
 Total Sales FYE 3/83: \$32,157,000 Est.  
 Cptr. Svcs. Revs. FYE 3/83: \$30,157,000 Est.  
*Computer Services Offered:* • Processing

**Computer Composition International**

See: Aarkus Stistsdogtrykkeri

**Computer Concepts and Services, Inc.**

7227 3rd Street South  
 St. Cloud, MN 56301  
 (612) 253-2170  
 Daniel J. Brennan, President  
 Private  
 Total Sales FYE 10/84: \$5,000,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Computer Concepts Inc.**

6443 SW Beaverton Highway  
 Portland, OR 97221  
 (503) 297-4741  
 Don Weidenweber, President



## Directory of Computer Services Companies

**Computer Consoles, Inc.**

97 Humboldt Street  
Rochester, NY 14609  
(716) 482-5000  
Vaernond H. Crane, President

**Public**

Total Sales FYE 12/83: \$103,550,000  
Cptr. Svcs. Revs. FYE 12/83: \$88,900,000

*Computer Services Offered:* • Turnkey Systems

**SUBSIDIARIES:****RLG Corporation**

1760 Reston Avenue Suite 508  
Reston, VA 22090  
(703) 471-6860

William C. Mallonee, President

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Computer Consultants Company**

815 S. Washington  
Forrest City, AR 72335  
(501) 633-2111  
Steve Causey, President

**Computer Contractors Assn., Inc.****DIVISIONS:****Cappelletti, John Associates**

220 Glenoaks Blvd N. Ste D  
Burbank, CA 91052  
(213) 846-7552

John Cappelletti, President

**Computer Controls, Inc.**

1430 Empire Central, Suite 130  
Dallas, TX 75247  
(214) 634-0936

Ardis Graham, President

**Private**

Total Sales FYE 12/84: \$2,000,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Computer Corporation of America, Inc.**

See: Crowntek, Inc.

**Computer Corral**

23011 Moulton Pkwy, Ste G-6  
Laguna Hills, CA 92653  
(714) 855-9496

*Computer Services Offered:* • Software Products

**Computer Cost Control Corporation**

805 Inman Avenue  
Colonia, NJ 07067  
(201) 388-5660

Jay C. Butler, President

**Private**

Total Sales FYE 12/83: \$750,000

Cptr. Svcs. Revs. FYE 12/83: \$500,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Computer Covenant Corporation**

Farmington Common 790 Farmington Avenue  
Farmington, CT 06032  
(203) 677-6563

Arthur Martin, President

**Private**

Total Sales FYE 6/81: \$500,000

Cptr. Svcs. Revs. FYE 6/81: \$300,000

*Computer Services Offered:* • Software Products

**Computer Curriculum Corporation**

1070 Arastradero Road  
Palo Alto, CA 94043  
(415) 494-8450

Patrick Suppes, President

**Private**

Total Sales FYE 3/84: \$15,000,000 Est.

*Computer Services Offered:* • Turnkey Systems

**Computer Data Access Inc. (CDA)**

1373 Broad St.  
Clifton, NJ 07011  
(201) 473-4700

Eric Ruitenberg, President

**Private**

Total Sales FYE 12/81: \$3,000,000

**Computer Data Processing Inc.**

2307 Oak Lane, P.O. Box 531259  
Grand Prairie, TX 75053  
(214) 263-4591

M.W. Procell, President

**Private**

Total Sales FYE 12/83: \$1,500,000 Est.

*Computer Services Offered:* • Processing

**Computer Data Services Inc.**

9224 Compton Park  
Cincinnati, OH 45231  
(513) 931-1090

Ron Messerle, President

**Private****Computer Data Systems, Inc.**

One Curie Court  
Rockville, MD 20850  
(301) 921-7000

Clifford M. Kendall, Chairman and President

**Public**

Total Sales FYE 6/84: \$54,870,800

*Computer Services Offered:* • Processing • Professional Services

**Computer Delight**

15326 Sherman Way Suite 120  
Van Nuys, CA 91406  
(213) 787-2354

Dave Childs, Chairman

**Private****Computer Designed Systems, Inc.**

10911 Olson Memorial Highway  
Minneapolis, MN 55441  
(612) 545-2855

Gregory T. Pulos, President

**Public**

Total Sales FYE 8/83: \$1,712,985

*Computer Services Offered:* • Turnkey Systems

## Directory of Computer Services Companies

**Computer Directions Advisors Inc. (CDA)**

11501 Georgia Ave  
Silver Spring, MD 20902  
(301) 942-1700  
Robert A. Levy, President

Private  
Total Sales FYE 12/82: \$1,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products

**Computer Dynamics Inc.**

29792 Telegraph Road Suite 201  
Southfield, MI 48034  
(313) 357-4200  
Robert A. Jones, President

Private  
Total Sales FYE 9/83: \$7,600,000 Est.  
*Computer Services Offered:* • Professional Services

**Computer Dynamics Inc.**

4044 South 28th St.  
Arlington, VA 22206  
(703) 578-3000  
Edward A. Singer, President

Private

**Computer Education Techniques, Inc.**

35 West 35th Street  
New York, NY 10001  
(212) 564-9147  
David Shapiro, President

Private  
*Computer Services Offered:* • Professional Services

**Computer Generation Inc.**

3301 Buckeye Road  
Atlanta, GA 30341  
(404) 458-2371  
Jackie Ward, President

Private  
Total Sales FYE 10/81: \$3,250,000 Est.  
*Computer Services Offered:* • Professional Services • Turnkey Systems

**Computer Horizons Corporation**

747 Third Avenue  
New York, NY 10017  
(212) 371-9600  
John J. Casese, President

Public  
Total Sales FYE 2/84: \$34,380,000  
*Computer Services Offered:* • Professional Services

**Computer House**

See: Computer Mailing Inc.

**Computer Income Planning Corp.**

122 E 42nd St.  
New York, NY 10168  
(212) 867-4890  
Robert Remick, President

Private  
*Computer Services Offered:* • Processing • Turnkey Systems

**Computer Information Service Inc.**

Acquired by/merged with: ADP Brokerage Services Division

**Computer Innovations**

55 E. Jackson  
Chicago, IL 60604  
(312) 663-5930  
Joseph Mill, President

Private  
Total Sales FYE 12/81: \$2,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Computer Input Corporation**

1840 S. Elena  
Rdondo Beach, CA 90277  
(213) 372-2177  
John Bradley, President

Private  
Total Sales FYE 12/82: \$6,750,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Computer Input Services, Inc.**

6910 Market St  
Upper Darby, PA 19802  
(215) 352-5924  
Robert E. DeBaise, President

Public  
Total Sales FYE 7/82: \$12,923,000  
*Computer Services Offered:* • Processing • Professional Services

**Computer Investors Group Inc.**

181 E Halsey Rd  
Parsippany, NJ 07054  
(201) 428-9393  
George Stackleth, President

**Computer Laboratory Inc., The**

915 Elmwood Ave.  
Evanston, IL 60202  
(312) 864-6603  
Jerry Heydemann, President

Private

**Computer Language Research, Inc.**

2395 Midway Road  
Carrollton, TX 75006  
(214) 934-7000  
Stephen T. Winn, President

Public  
Total Sales FYE 12/83: \$85,215,000  
*Computer Services Offered:* • Processing • Software Products

**Computer Mailing Inc.**

## DIVISIONS:

**Computer House**

3006 Holmes  
Kansas City, MO 64109  
(816) 756-1111  
Truman Sloan, Chairman

**Computer Management Corporation**

4900 Waters Edge Drive  
Raleigh, NC 27606  
(919) 851-7300  
James Barnhill, President

Private  
Total Sales FYE 3/81: \$2,000,000  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

## Directory of Computer Services Companies

**Computer Management Dynamics, Inc.**

1040 Waltham St.  
Lexington, MA 02173  
(617) 862-8092

*Computer Services Offered:* • Software Products

**Computer Management Services**

234 S.W. Bancroft  
Portland, OR 97201  
(503) 227-0600  
John Chaney, President  
Private

**Computer Methods Inc.**

9401 West Beloit Road  
Milwaukee, WI 53227  
(414) 327-4471

**Computer Mind Corporation**

521 Fifth Avenue  
New York, NY 10175  
(212) 484-3423  
Peter Marchetti, President

**Computer Modeling, Inc.**

P.O. Box 19595 Queen Anns Square, Ste 508  
Seattle, WA 98109  
(206) 282-9777  
Thomas L. Hanks, President

Private

Total Sales FYE 3/84: \$4,800,000

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Computer Network Corporation**

5185 MacArthur Boulevard, N.W.  
Washington, DC 20016  
(202) 537-2500

Robert S. Bowen, President and CEO  
Public

Total Sales FYE 3/84: \$14,220,029

*Computer Services Offered:* • Processing • Software Products • Professional Services

## DIVISIONS:

**COM-MED**

5 West 34th Street  
New York, NY 10001  
(212) 947-1321

Philip Schatten, President

*Computer Services Offered:* • Processing • Professional Services

**COMNET Information Systems**

5185 MacArthur Boulevard, N.W.  
Washington, DC 20016

Robert J. Werner, President

*Computer Services Offered:* • Processing

**Computer Output Microfilm**

*See:* Computer Systems Company Inc.

**Computer Packages Inc.**

414 Hungerford Dr.  
Rockville, MD 20850  
(301) 424-8890  
Jerrold A. Van Winter, President  
Private

**Computer Partners, Inc.**

1 University Park  
Waltham, MA 02254  
(617) 647-0116  
Frank Sola, President

Private

Total Sales FYE 6/84: \$12,000,000 Est.

*Computer Services Offered:* • Professional Services

**Computer Pictures**

*Merged with: Cullinet Software, Inc.*

**Computer Power Corp.**

71 West 23rd St.  
New York, NY 10010  
(212) 675-0200  
David J. Stark, President

Private

Total Sales FYE 7/82: \$400,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Computer Power Inc.**

*See:* Chase Manhattan Bank, N.A.

**Computer Prepared Accounts, Inc.**

3350 Scott Blvd., Bldg. 56  
Santa Clara, CA 95050  
(408) 727-8866

Marvin Paller, President

Private

**Computer Procedures Corp.**

819 N. Bethlehem Pike  
Springhouse, PA 19477  
(215) 646-1122

Joseph A. Martinez Jr., President

Private

Total Sales FYE 12/82: \$500,000

*Computer Services Offered:* • Processing

**Computer Processing Company**

2852 South Avenue  
Toledo, OH 43609  
(419) 382-3301

John Peters, President

Private

**Computer Processing Institute**

809 Main Street  
East Hartford, CT 06108  
(203) 528-3716  
Carl F. Simmons, Ph.D., President

Total Sales FYE 12/82: \$12,000,000 Est.

*Computer Services Offered:* • Professional Services

**Computer Professionals Unlimited, Inc.**

*See:* Citicorp

## Directory of Computer Services Companies

**Computer Professionals Inc.**

11 Regency Hills Drive Suite 200  
Greenville, SC 29607  
(803) 268-3911  
E. Grove, President  
Private

**Computer Representatives, Inc. (CRI)**

5333 Betsy Ross Drive  
Santa Clara, CA 95054  
(408) 980-9898  
Ronald Dumas, President and CEO  
Private  
Total Sales FYE 11/83: \$3,000,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Computer Research, Inc.**

2 Airport Office Park, 400 Rouser Road  
Coraopolis, PA 15108  
(412) 262-4430  
James L. Schultz, President  
Public  
Total Sales FYE 8/83: \$5,916,590  
Cptr. Svcs. Revs. FYE 8/83: \$4,634,444  
*Computer Services Offered:* • Processing

## DIVISIONS:

**Eagle Systems**

1825 Lawrence Street  
Denver, CO 80202  
(303) 297-9200  
*Computer Services Offered:* • Processing

**Computer Resource Services Inc.**

6501 North Black Canyon  
Phoenix, AZ 85015  
(602) 242-9121  
Robert A. Sommer, President  
Private

**Computer Resources International**

1401 Hudson Lane, Ste 220  
Monroe, LA 71201  
(318) 387-2363  
Glen Gordon, President  
Private  
Total Sales FYE 12/82: \$1,000,000 Est.  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Computer Resources Corporation**

P.O. Box 1478  
Walla Walla, WA 99362  
(509) 525-1251  
Richard Smiley, President  
Private

**Computer Resources Corporation**

5680 South Syracuse Circle, Suite 118  
Englewood, CO 80111  
(303) 771-8930  
Michael Niernborg, President  
Private  
Total Sales FYE 12/84: \$3,800,000 Est.  
Cptr. Svcs. Revs. FYE 12/84: \$2,500,000 Est.  
*Computer Services Offered:* • Processing • Software Products

**Computer Resources Inc.**

400 South Pleasantburg Dr  
Greenville, SC 29607  
(803) 235-8508

## SUBSIDIARIES:

**Computerecords Inc.**

2700 Middleburg Plaza P.O. Box 12  
Columbia, SC 29202  
(803) 799-4094  
R.O. Grant Jr., President  
Private

## SUBSIDIARIES:

**Digital Systems Inc.**

P.O. Box 12  
Columbia, SC 29202  
(803) 799-4094  
R.O. Grant, President

**Computer Resources Of America**

*Name Changed To: Computer Resources International*

**Computer Results Corporation**

445 10th Street  
Toledo, OH 43624  
(419) 255-1915  
Gerald T. Carter, President  
Private

Total Sales FYE 6/84: \$500,000 Est.  
*Computer Services Offered:* • Processing

**Computer Sciences Corporation**

650 North Sepulveda Boulevard  
El Segundo, CA 90245  
(213) 615-0311  
William R. Hoover, Chairman and President  
Public  
Total Sales FYE 4/84: \$712,224,000  
*Computer Services Offered:* • Processing • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**CSC Industry Services Group**

650 North Sepulveda Boulevard  
El Segundo, CA 90245  
(213) 615-0311  
Arthur B. Sims, Group President

## SUBSIDIARIES:

**Associated Credit Services, Inc.**

2505 Fannin  
Houston, TX 77002  
(713) 652-3434  
Van B. Honeycutt, President  
*Computer Services Offered:* • Processing

## Directory of Computer Services Companies

**PAID Prescriptions, Inc.**

235 Frisch Court  
Fair Lawn, NJ 07652  
(201) 845-9000  
Joseph E. Boisseau, President

*Computer Services Offered:* • Processing

**CSC Information Network Services Group**

2100 East Grand Avenue  
El Segundo, CA 90245  
Robert J. Knight, Group President

**CSC Systems Group**

6565 Arlington Boulevard  
Falls Church, VA 22046  
Alvin E. Nashman, Group President

*Computer Services Offered:* • Professional Services

**Computer Service & Management Consultants Inc.**

21243 Ventura Blvd. Suite 226  
Woodland Hills, CA 91364  
(213) 347-2561

**Computer Service Consultants Inc.**

37 Jefferson Blvd.  
Warwick, RI 02888  
(401) 785-0300  
Gordon Wilmot, President  
Private

**Computer Service Inc.**

300 North State Street  
Chicago, IL 60610  
(312) 644-1630  
Michael Eiben, President  
Private

**Computer Services International Corporation**

905 Boulevard East  
Weehawken, NJ 07087  
(201) 866-2880  
Mark Kolto, Manager

Private

*Computer Services Offered:* • Software Products • Professional Services

**Computer Services Associates**

5707 Redwood Rd. PO Box 13172  
Oakland, CA 94619  
(415) 763-2500

Donald B. Mulvey, President

Private

Total Sales FYE 6/82: \$2,000,000

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Comprehensive Tax Systems**

5707 Redwood Rd.  
Oakland, CA 94619  
(415) 482-4500

**Computer Services by Arens**

435-A Diamond Ave. E  
Gaithersburg, MD 20760  
(301) 258-0970

*Computer Services Offered:* • Software Products

**Computer Services Corporation**

200 Bank for Savings Bldg.  
Birmingham, AL 35203  
(205) 320-6900  
Roland B. Smith, President

Private

Total Sales FYE 12/81: \$2,672,101

*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Computer Services, Inc.**

3027 Washington Avenue  
Racine, WI 53405  
(414) 637-8391

David Buhler, President

Private

## SUBSIDIARIES:

**Time-Sharing Systems Inc.**

2150 North Prospect Avenue  
Milwaukee, WI 53202  
(414) 933-2646

David Buehler, President

Total Sales FYE 6/81: \$900,000

*Computer Services Offered:* • Processing

**Computer Services, Inc.**

1301 Broadway, P.O. Box 60  
Paducah, KY 42001  
(502) 442-7361

John A. Williams, Chairman and CEO

Public

Total Sales FYE 2/84: \$9,957,862

*Computer Services Offered:* • Processing • Software Products

## SUBSIDIARIES:

**Micro-Tec, Inc.**

300 West Dixie Highway  
Elizabethtown, KY 42701  
(502) 737-5480

Robert Estes, President

*Computer Services Offered:* • Software Products

**Computer Sharing Corporation**

7851 Metro Parkway  
Minneapolis, MN 55420  
(612) 726-7797

Duane Schley, President

Private

Total Sales FYE 12/84: \$1,250,000

*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Computer Sharing Inc.**

P.O. Box 1403  
Shreveport, LA 71164  
(318) 869-3505

Lloyd D. Burns, President

Private

## Directory of Computer Services Companies

**Computer Sharing Services Inc.**

See: McDonnell Douglas Corporation

**Computer Software Company, The**

See: Nixdorf Computer Software Company

**Computer Software Design**

Name changed to: Global Data/CSD

**Computer Software Services Inc. (CSSI)**

6000 Building Suite 2903

Chattanooga, TN 37411

(615) 892-8110

Mark Cochran, President

Private

**Computer Software Unlimited**

1806 Malabar Dr.

Memphis, TN 38138

(901) 754-8332

Michael A. Pfaff, President

**Computer Solutions**

50 Washington Terrace

East Orange, NJ 07017

(201) 672-6000

Gerald Heath, President

Private

**Computer Synergy, Inc.**

2201 Broadway

Oakland, CA 94612

(415) 444-3434

Thomas J. Culligan, President

Public

Total Sales FYE 6/84: \$8,500,000

Computer Services Offered: • Turnkey Systems

**Computer System Architects, Inc.**

30 Brattle Street

Cambridge, MA 02138

(617) 876-2666

John E. Thron, President

Private

Total Sales FYE 9/84: \$1,500,000 Est.

Computer Services Offered: • Software Products • Professional Services

## SUBSIDIARIES:

**Programart Corporation**

30 Brattle

Cambridge, MA 02138

(617) 661-3020

Gilbert F. Curtis, President

**Computer System Programming for the Fashion World Inc.**

2300 Stemmons Frwy

Dallas, TX 75234

(214) 631-4244

Computer Services Offered: • Processing

**Computer Systems International Inc.**

See: Business and Technological Systems, Inc.

**Computer Systems Development, Inc.**

140 Mayhew Way Suite 700

Pleasant Hill, CA 94523

(415) 930-9932

David Sabosky, President

Private

Total Sales FYE 10/81: \$3,500,000

Computer Services Offered: • Professional Services

**Computer Systems Company Inc.**

7550 Lucerne Dr

Middleburg Heights, OH 44130

(216) 234-4100

William F. Zimmerman, President

Private

## SUBSIDIARIES:

**Computer Output Microfilm**

Memory Lane

Garrettsville, OH 44231

(216) 562-5583

William Zimmerman, President

**Retail Information Systems, Inc.**

7550 Lucerne Dr

Middleburg Heights, OH 44130

(216) 234-4100

William Zimmerman, President

**Computer Systems Consultants**

3732 N. Cherry

Tucson, AZ 85719

(602) 326-5482

**Computer Systems Design, Inc.**

See: Sutro &amp; Co. Inc.

**Computer Systems Engineering**

16 2nd Avenue

Burlington, MA 01803

(617) 272-4348

Norman McKinnon, President

Private

Total Sales FYE 12/81: \$4,500,000 Est.

Cptr. Svcs. Revs. FYE 12/81: \$1,800,000 Est.

Computer Services Offered: • Turnkey Systems

**Computer Systems Group, Inc.**

300 Laird St PO Box 1385

Wilkes-Barre, PA 18703

(717) 824-9868

Paul Gozick, President

Total Sales FYE 12/81: \$400,000 Est.

Computer Services Offered: • Turnkey Systems

**Computer Systems Research, Inc.**

195 Main St., W PO Box 45

Avon, CT 06001

(203) 678-1212

Michael L. Daversa, President

## Directory of Computer Services Companies

**Computer Task Group Inc.**

800 Delaware Avenue  
Buffalo, NY 14209  
(716) 882-8000  
David N. Campbell, Chairman And CEO  
Public  
Total Sales FYE 12/83: \$54,193,000  
Cptr. Svcs. Revs. FYE 12/83: \$53,834,000  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**Computer Tax Service Inc.**

## DIVISIONS:

**CPAids**

1640 Franklin Ave.  
Kent, OH 44240  
(216) 678-9015  
Andrew Rosenberg, President  
Total Sales FYE 8/81: \$1,000,000  
*Computer Services Offered:* • Software Products • Turnkey  
Systems

**Computer Techniques**

1015 N. Main Ave.  
Scranton, PA 18504  
(717) 342-7495  
Frank Suraci III, President  
Private

**Computer Technology Associates**

118 Castellano  
El Paso, TX 79912  
(915) 581-3500  
Steve Kadner, President

Private

Total Sales FYE 12/82: \$5,000,000 Est.  
Cptr. Svcs. Revs. FYE 12/82: \$1,500,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Computer Time Services**

4546 Beltway Dr.  
Dallas, TX 75234  
(214) 385-9525

*Computer Services Offered:* • Processing**Computer Usage Company**

150 Fourth Street, Suite 600  
San Francisco, CA 94013  
(415) 543-3940  
Victor E. Bartoletti, President and Treasurer

Public

Total Sales FYE 9/83: \$4,536,667  
*Computer Services Offered:* • Software Products • Turnkey  
Systems

**Computer Utilities of Cleveland, Inc.**

4512 Emery Industrial Parkway  
Cleveland, OH 44128  
(216) 831-6145  
Gilbert A. Lacroix, President

Private

*Computer Services Offered:* • Processing • Turnkey  
Systems**Computer Utilities of Orlando**

2600 E. Livingston St.  
Orlando, FL 32803  
(305) 894-8113

**Computer-Time Corporation**

P.O. Box 485  
Morrison, CO 80465  
(303) 697-4750  
Pete Hilgeman, President  
Private

**Computer/Technology Consulting**

12742 Leander Drive  
Los Altos Hills, CA 94022  
J.H. Geers, President

**ComputerAided Design Resources, Inc.***See:* Bishop Graphics**Computerecords Inc.***See:* Computer Resources Inc.**Computeristics Micrographics***Acquired/merged:* Endata, Inc.'s Data Imagery Division**Computeristics, Inc.**

2 Skiff St.  
Hamden, CT 06514  
(203) 288-4885  
James H. Chambers, President  
Private

Total Sales FYE 10/82: \$5,000,000

Cptr. Svcs. Revs. FYE 10/82: \$4,750,000

*Computer Services Offered:* • Processing • Software  
Products • Turnkey Systems

## SUBSIDIARIES:

**Acc-U-Data**

2 Skiff St.  
Hamden, CT 06514  
(203) 288-3521  
Stan Rothman, Ph.D., President

**Computerized Admission Systems, Inc.**

6868 S. Revere Parkway  
Englewood, CO 80112  
(303) 790-0991  
James J. Watts, President

Private

Total Sales FYE 7/84: \$500,000 Est.

*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems**Computerized Business Systems**

2020 S.W. 4th Avenue Suite 800  
Portland, OR 97201  
(503) 227-5209

*Computer Services Offered:* • Processing**Computerized Data Processing Inc.**

P.O. Box 45  
Opalocka, FL 33054  
(305) 769-3361  
Michael Pawliger, President

**Computerized Management Decisions, Inc.**

6535 E. 82nd St., Ste. 102  
Indianapolis, IN 46250  
(317) 842-3113  
Richard Herron, President



## Directory of Computer Services Companies

**Computerized Office Services, Inc.**

309 North First Street  
Ann Arbor, MI 48103  
(313) 665-8778  
Michael Wilens, President

Private

Total Sales FYE 9/83: \$850,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Computerm Corporation**

10420 Southwest Hawthorne Lane  
Portland, OR 97225  
(503) 292-3340  
L.N. Johnson, President

Private

**Computers for Business, Inc.**

11300 Central Expwy., N. Suite 105  
Dallas, TX 75243  
(214) 987-0300  
Al Avellandt, President

Private

Total Sales FYE 8/81: \$400,000 Est.

*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Computers for Marketing Corp.**

88 First St., 4th Floor  
San Francisco, CA 94105  
(415) 777-0470  
Leif Gjestland, President

Private

**Computersearch Corporation**

331 John James Audobon Pkwy  
Amherst, NY 14228  
(716) 689-0511  
Robert A. Howland, President

Private

**Computervision Corporation**

201 Burlington Road  
Bedford, MA 01730  
(617) 275-1800  
James R. Berrett, President and CEO

Public

Total Sales FYE 12/83: \$400,032,000

*Computer Services Offered:* • Turnkey Systems

**Computerware**

1512 Encinitas Blvd., Box 668  
Encinitas, CA 92024  
(714) 436-3512

**Computing Capabilities**

465-B Fairchild Dr, Ste 223 Suite 412A  
Mt. View, CA 94043  
(415) 968-7511  
Donald Lee, Partner

**Computing Productivity, Inc.**

The Larrow House Route 1-433-A  
Waitsfield, VT 05673  
(802) 496-5000  
Leo J. Cohen, President

Private

*Computer Services Offered:* • Software Products

**Computone Systems Incorporated**

One Dunwoody Park  
Atlanta, GA 30338  
(404) 393-3010  
Jay M. Rosovsky, President

Public

Total Sales FYE 5/84: \$36,019,052

Cptr. Svcs. Revs. FYE 5/84: \$18,921,000 Est.

*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**SUBSIDIARIES:****Infotecs, Inc.**

One Perimeter Road  
Manchester, NH 03103  
(603) 624-2700  
Edward Tolson, President

*Computer Services Offered:* • Turnkey Systems

**Insurance Publishing and Computers, Inc.**

One Dunwoody Park  
Atlanta, GA 30338  
(404) 393-3010

*Computer Services Offered:* • Turnkey Systems

**MCT Information Systems, Inc.**

8 Stanley Circle  
Latham, NY 12110  
(518) 783-6554  
Jay Rovosky, President

*Computer Services Offered:* • Software Products • Turnkey Systems

**Computoservice, Inc.**

See: Mankato Citizens Telephone Co.

**Computrac Inc.**

14372 Proton Road  
Dallas, TX 75234  
(214) 661-9388  
Harry W. Mangolis, President

Public

Total Sales FYE 1/83: \$2,685,000

*Computer Services Offered:* • Turnkey Systems

**Computrol, Inc.**

10820 Sunset Office Dr.  
St. Louis, MO 63127  
(314) 965-2273  
Robert Parks, President

Private

*Computer Services Offered:* • Software Products • Professional Services

**Computron Technology Company Inc.**

150 Meadowlands Parkway  
Secaucus, NJ 07094  
(212) 246-6990  
Jerry Vendome, President

Private

Total Sales FYE 12/82: \$1,750,000

*Computer Services Offered:* • Software Products • Professional Services

**CompuVision**

50 West Brokaw Rd. Ste 64  
San Jose, CA 95119  
(408) 295-2460  
Mark Fenzel, President

*Computer Services Offered:* • Software Products

## Directory of Computer Services Companies

**Compuware Corporation**

32100 Telegraph Road  
Birmingham, MI 48010  
(313) 540-0900  
Peter Karamanos, Chairman  
Private  
Total Sales FYE 4/84: \$29,000,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Comquest**

804 Harold  
Houston, TX 77006  
(713) 492-3430  
Larry Axtell, President

**COMSAT General Corporation**

## SUBSIDIARIES:

**Compact Software Systems**

1131 San Antonio Road  
Palo Alto, CA 94303  
(415) 966-8440  
James Lindauer, President

**Comsat General Integrated Systems**

*Acquired/Merged with: Calma Company*

**Comsen Inc.**

20-A Erford Road  
Lemoyn, PA 17043  
(717) 737-2049  
F. R. Nichols, President  
Private  
Total Sales FYE 8/84: \$3,000,000 Est.  
*Computer Services Offered:* • Software Products

**Comserv Corporation**

3400 Comserv Drive  
Eagan, MN 55122  
(612) 681-7000  
Richard P. Daly, President  
Public  
Total Sales FYE 12/82: \$25,075,499  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Comshare/CRC**

*See: Comshare, Inc.*

**Comshare, Inc.**

3001 South State Street  
Ann Arbor, MI 48106  
(313) 994-4800  
Richard L. Crandall, President  
Public  
Total Sales FYE 6/84: \$73,007,600  
*Computer Services Offered:* • Processing • Software Products • Professional Services

## SUBSIDIARIES:

**Comshare/CRC**

200 North Michigan Avenue  
Chicago, IL 60601  
(312) 977-7500  
Ronald L. Ellis, President

**Target Software, Inc.**

1935 Cliff Valley Wy, Ste 200  
Atlanta, GA 30329  
(404) 634-9535  
Robert Ramsom, Director  
*Computer Services Offered:* • Software Products

**Comspec Exploration**

*See: Comspec Inc.*

**Comspec Inc.**

## DIVISIONS:

**Comspec Exploration**

10000 Old Katy Rd, Ste 275 PO Box 79438  
Houston, TX 77079  
(713) 461-4487  
Thomas A. Paine, President  
*Computer Services Offered:* • Processing

**Comtec**

28366 Franklin Road  
Southfield, MI 48034  
(313) 358-1950  
Donn Ulmer, President  
Private  
Total Sales FYE 6/84: \$3,500,000  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Comtech Group International Ltd.**

5 Fairview Mall Drive, Suite 380  
Willowdale, Ontario N2M2J2  
(416) 492-1480  
Donald McPhail, President  
Public  
Total Sales FYE 6/83: \$5,660,702 Est.  
*Computer Services Offered:* • Processing • Software Products

**ComTech Systems, Inc.**

1105 Schrock Road, Suite 816  
Columbus, OH 43229  
(614) 431-2345  
Thomas D. Wittkopf, President  
Private  
Total Sales FYE 12/83: \$5,000,000 Est.  
*Computer Services Offered:* • Professional Services

**Comten Inc.**

3 Choke Cherry Road  
Rockville, MD 20805  
(301) 948-8000

**Contrac Inc.**

*See: First Chicago Corporation*

**Control Corporation**

Control Bldg. P.O. Box 600A  
San Antonio, TX 78292  
(512) 736-2871  
Stanley Hierholzer, President  
Private

## Directory of Computer Services Companies

**Comvestrix Corporation**

1501 Broadway  
New York, NY 10036  
(212) 869-0640  
Joel Cartun, President

Private

Total Sales FYE 12/83: \$8,500,000 Est.  
*Computer Services Offered:* • Processing

**Concap Computing Systems, Inc.**

60 98th Avenue Suite 700  
Oakland, CA 94603  
(415) 635-5750  
Stewart Larson, President

Private

**Concept Systems, Inc.**

1 Franklin Plaza, Suite 650  
Philadelphia, PA 19802  
(215) 563-1425  
Joseph T. Apprendi, President

Private

Total Sales FYE 12/83: \$6,500,000 Est.  
*Computer Services Offered:* • Turnkey Systems

**Concord Computing Corporation**

7 Alfred Circle  
Bedford, MA 01730  
(617) 275-1730  
Victor Tyler, President

Private

Total Sales FYE 9/82: \$4,750,000  
*Computer Services Offered:* • Processing • Turnkey Systems

**Condata, Inc.**

1809 Walnut Street  
Philadelphia, PA 19103  
(215) 569-4240  
Daniel Moore, President

Private

Total Sales FYE 11/84: \$1,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products

**Condor Computer Corp.**

2051 South State St.  
Ann Arbor, MI 48104  
(313) 769-3988  
Philip Ingebo, President

Private

Total Sales FYE 12/83: \$5,500,000 Est.  
*Computer Services Offered:* • Software Products

**Condor Corporation, The**

1970 Chandalar Office Park  
Pelham, AL 35201  
(205) 967-8193  
J.J. Barnes, President

Private

Total Sales FYE 12/84: \$1,500,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Configuration Data Services Inc.**

17220 New Hope, STE 106  
Fountain Valley, CA 92708  
(714) 546-1892  
Donald Norton, President

Private

**Congruent Systems, Inc.**

2710 Sand Hill Rd.  
Menlo Park, CA 94025  
David H. Parks, President

Private

**SUBSIDIARIES:****Ryan, Donald & Associates Systems Consultants**

2710 Sand Hill Rd.  
Menlo Park, CA 94025  
(415) 854-0650

**Conifer Group, Inc.****SUBSIDIARIES:****Berkshire Bank and Trust Co. Automated Customers Service**

54 North Street  
Pittsfield, MA 01201  
(413) 499-1600  
Edward K. Ward, Jr., President

**Connecticut Bank and Trust Company**

One Constitution Plaza  
Hartford, CT 06115  
(203) 244-5000

**Connecticut Business Computers**

*Acquired/Merged: Avant-Garde Computing, Inc.*

**Conesco Enterprises, Inc.**

888 Seventh Avenue  
New York, NY 10106  
(212) 586-8701  
Seymour Altucher, President and CEO

Public

Total Sales FYE 12/83: \$3,500,000  
*Computer Services Offered:* • Software Products

**Conserv International**

Route 1 South PO Box 5241  
Routen, NJ 08540  
(201) 561-7000  
Robert Steinberger, President

**Consilium Associates, Inc.**

4 Palo Alto Sq, Suite 270  
Palo Alto, CA 94304  
(415) 856-1905

*Computer Services Offered:* • Software Products

**Consolidated Business Systems, Inc.**

P.O. Box 6183 Elmwood Park Station  
Omaha, NE 68106  
(402) 393-0313  
Mike Garrean, President

Private

**Consolidated Computer Services, Inc.**

6761 Peachtree Industrial Blvd  
Atlanta, GA 30360  
(404) 447-5203  
William McNeal, President

## Directory of Computer Services Companies

**Consolidated Computer Corp.**

1180 Avenue of the Americas  
New York, NY 10036  
(212) 575-8240  
Robert F. McGill, President  
Private  
Total Sales FYE 6/83: \$2,000,000 Est.  
*Computer Services Offered:* • Processing

**Construction Computer Control Inc.**

615 E. Michigan Street  
Milwaukee, WI 53202  
(414) 278-0500  
William C. Koenig, President  
Private  
Total Sales FYE 12/82: \$3,000,000 Est.  
*Computer Services Offered:* • Processing • Professional Services

**Construction Industry Computer**

See: Shawinigan Engineering Company

**Construction Information Systems**

Box 484  
Mill Valley, CA 94941  
(415) 332-5073  
Peter Hogg, President  
Private  
Total Sales FYE 12/82: \$4,000,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Construction Management Systems**

See: Hill International

**Construction Systems Assoc.**

2121 New Market Parkway Suite 124  
Marietta, GA 30067  
(404) 955-3518  
Amaclos Burgess, President  
Private  
Total Sales FYE 6/83: \$2,700,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Construction Systems Software, Inc**

P.O. Box 30088  
San Antonio, TX 78285  
(512) 681-5768  
Dennis Read, President

**Consultants for Information Resource Management Inc.**

109 Fairfield Way, Suite 106  
Bloomington, IL 60108  
(312) 894-5598  
Michael R. Springer, President  
Private  
Total Sales FYE 1/84: \$300,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Consultec**

See: General American Life Insurance Corporation

**Consultech Associates, Inc.**

175 Stratford Avenue  
Wayne, PA 19087  
(215) 687-7715  
Lee A. Shafer, President  
Private  
Total Sales FYE 9/84: \$1,000,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Consumer Systems Corporation**

## SUBSIDIARIES:

**Consumer Systems Services Group, Inc.**

1100 31st Street  
Downers Grove, IL 60515  
(312) 325-2102  
Ray M. Dionisio, President  
Total Sales FYE 7/82: \$9,000,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Consumer Systems Services Group, Inc.**

See: Consumer Systems Corporation

**Contel Data Services Corporation**

See: Continental Telecom Inc.

**Contel Information Systems, Inc.**

See: Continental Telecom Inc.

**Context Management Systems**

23864 Hawthorne Blvd Suite 101  
Torrance, CA 90505  
(213) 378-8277  
David Saykally, President  
Private  
Total Sales FYE 7/82: \$3,000,000 Est.  
*Computer Services Offered:* • Software Products

**Continental Computer Services, Inc.**

See: Texas Air Corporation

**Continental Computer Systems**

725 North 15th St, 3rd Fl  
Allentown, PA 18102  
(215) 820-4155  
Warren Schneider, President  
Private

**Continental Data Processing, Inc.**

300 Laird Street, Box 1385  
Wilkes-Barre, PA 18703  
(717) 824-9868  
Paul Gorkic, President  
Private  
Total Sales FYE 12/83: \$1,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Continental Financial Services**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Systems Engineering Computer Co.**

P.O. Box 26729  
 Richmond, VA 23261  
 (804)282-2331  
 John F. Noll, President  
 Total Sales FYE 12/81: \$10,000,000 Est.  
 Cptr. Svcs. Revs. FYE 12/81: \$3,500,000 Est.  
*Computer Services Offered:* • Processing • Professional Services • Turnkey Systems

## DIVISIONS:

**Automated Computer Services**

6600 West Broad St.  
 Richmond, VA 23261  
 (804) 281-6456

**Continental Healthcare Systems, Inc.**

8900 Indian Creek Parkway, Suite 550  
 Overland Park, KS 66210  
 (913) 648-8077  
 Richard A. Bendis, President and Chairman  
 Public  
 Total Sales FYE 10/83: \$5,027,000  
*Computer Services Offered:* • Professional Services • Turnkey Systems

**Continental Illinois National Bank & Trust Co. of Chicago**

231 South LaSalle Street  
 Chicago, IL 60690  
 (312) 828-2345

**Continental Information Systems**

See: Continental Resources

**Continental Resources**

## DIVISIONS:

**Continental Information Systems**

Bedford, MA 01730  
 (617)275-0850  
 Kevin McCann, General Manager  
 Total Sales FYE 12/81: \$1,100,000 Est.  
*Computer Services Offered:* • Software Products

**Continental Software**

See: Arrays, Inc.

**Continental Telecom Inc.**

## SUBSIDIARIES:

**Contel Data Services Corporation**

245 Perimeter Center Parkway  
 Atlanta, GA 30346  
 (404) 391-8000  
 R. E. Thomas, President  
 Total Sales FYE 12/83: \$6,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Contel Information Systems, Inc.**

130 Steamboat Road  
 Great Neck, NY 11024  
 (516) 829-5900  
 Howard Frank, President  
 Total Sales FYE 12/83: \$24,700,000 Est.  
*Computer Services Offered:* • Professional Services

**National Bancard Corporation**

1471 S.W. 12th Avenue  
 Pompano Beach, FL 33060  
 (305) 785-2100  
 John G. Bull, President  
 Private  
 Total Sales FYE 12/83: \$63,000,000  
*Computer Services Offered:* • Processing

**STSC, Inc.**

2115 E. Jefferson Street  
 Rockville, MD 20815  
 (301) 984-5400  
 William M. Gibson, President  
 Total Sales FYE 12/83: \$30,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products

## SUBSIDIARIES:

**EXECUCOM Systems Corporation**

3401 Far West Boulevard  
 Austin, TX 78731  
 (512) 346-4980  
 Gary Anderson, President  
 Total Sales FYE 12/83: \$20,500,000 Est.  
*Computer Services Offered:* • Software Products

**Continuum Company, Inc., The**

3429 Executive Center Drive  
 Austin, TX 78731  
 (512) 345-5700  
 Lawrence D. Sault, President  
 Public  
 Total Sales FYE 3/84: \$29,389,161  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Contract Services Associates**

706 S. Euclid  
 Anaheim, CA 92802  
 (714) 635-4055  
 Margaret Bivins, President  
 Private

**Control Analysis Corporation**

P.O. Box 51174  
 Palo Alto, CA 94301  
 (415) 381-0570  
 Ray Harvey, President  
 Private

Total Sales FYE 3/84: \$250,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Control Data Corporation**

8100 34th Avenue South  
 Minneapolis, MN 55420  
 (612) 853-8100  
 William C. Norris, Chairman And CEO  
 Public  
 Total Sales FYE 12/83: \$4,582,800,000  
 Cptr. Svcs. Revs. FYE 12/83: \$1,251,000,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

# Directory of Computer Services Companies

## SUBSIDIARIES:

**Action Data Services**

7822 Bonham  
Clayton, MO 63105  
(314) 862-7700  
Robert Kleinert, President  
*Computer Services Offered:* • Processing

**Arbitron**

1350 Avenue of the Americas  
New York, NY 10019  
(212) 887-1402  
T. F. Shaker, President  
*Computer Services Offered:* • Processing

**Brokerage Transaction Services Inc.**

80 Pine St  
New York, NY 10005  
(212) 668-6100  
A. A. Oratorio, President  
*Computer Services Offered:* • Processing

**Communications Solutions Inc.**

992 S. Saratoga-Sunnyvale Road  
San Jose, CA 95129  
(408) 725-1568  
Donald H. Czubek, President  
Private  
*Computer Services Offered:* • Software Products • Professional Services

**CYBERNET**

P.O. Box 0, 8100 34th Avenue South  
Minneapolis, MN 55440  
(612) 853-8100  
K. L. Mellem, Vice President  
*Computer Services Offered:* • Processing • Turnkey Systems

## DIVISIONS:

**Information Systems Design, Inc.**

2500 Mission College Blvd.  
Santa Clara, CA 95054  
(408) 727-8100  
George T. Steeley, Jr., President

**EFT Data Services, Inc.**

500 W. Putnam Avenue  
Greenwich, CT 06830  
(203) 622-2303  
D. M. Lalumia, General Manager  
*Computer Services Offered:* • Processing

**Economic Information Systems Inc.**

310 Madison Ave, Ste 201  
New York, NY 10017  
(212)697-6080  
*Computer Services Offered:* • Processing

**Tabershaw Occupational Medicine Association**

6110 Executive Blvd  
Rockville, MD 20852  
(301)881-6920  
Irving Tabershaw, President  
Private  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Ticketron, Inc.**

1350 Avenue of the Americas  
New York, NY 10019  
(212) 887-1600  
W. J. Schmitt, President  
*Computer Services Offered:* • Processing • Turnkey Systems

## SUBSIDIARIES:

**Station Business Systems**

600 W. Putnam Avenue  
Greenwich, CT 06830  
(203) 622-2400  
*Computer Services Offered:* • Turnkey Systems

**TRES Computer Systems, Inc.**

16775 Addison Road  
Dallas, TX 75248  
(214) 248-8737  
J.R. Von Gillern, President  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**United Information Services Inc**

5454 West 110th Street  
Overland Park, KS 66211  
(913)341-9161  
*Computer Services Offered:* • Processing

**Control Systems, Inc.**

1317 Central Avenue  
Kansas City, KS 66102  
(913) 371-6136  
Jim Shirley, President  
Private

**Conversions, Inc.**

See: Rand Information Systems, Inc.

**Convey Associates**

See: Convey Company, Inc.

**Convey Company, Inc.**

First National Plaza  
Dayton, OH 45402  
(513) 461-4021  
Al Jung, President  
Private  
Total Sales FYE 9/83: \$1,500,000 Est.  
*Computer Services Offered:* • Software Products

## DIVISIONS:

**Convey Associates**

2600 S Parker Rd, STE 377  
Aurora, CO 80014  
(303)696-0520  
Paul Spoutz, President  
*Computer Services Offered:* • Professional Services

## Directory of Computer Services Companies

**Cook Data Services, Inc.**

6510 Abrams Road, Suite 410  
Dallas, TX 75231  
(214) 341-7700  
David P. Cook, President

Public

Total Sales FYE 12/83: \$5,625,000

*Computer Services Offered:* • Processing • Software Products

**Cooper Data Systems Inc.**

636 Baronne Street  
New Orleans, LA 70113  
(504) 581-7611

William G. Barry, President  
Private

**Cooperative Computing Inc.**

2525 Wallingwood Suite 700  
Austin, TX 78741  
(512) 327-4940

Glen Staats, President

Private

**Coopers and Lybrand**

1251 Avenue of the Americas  
New York, NY 10020  
(212) 536-2000

Private

Total Sales FYE 7/83: \$33,000,000 Est.

*Computer Services Offered:* • Professional Services

**Cordova Corporation**

## SUBSIDIARIES:

**Mitchell Matrics**

9889 Willow Creek Road  
San Diego, CA 92115  
(619) 578-8770

Henry Bennett, President

Private

*Computer Services Offered:* • Processing

**Core & Code, Inc.**

3 Winding River Circle  
Wellesley, MA 02181  
(617) 237-4554

Tim Sorrell, President

**Corgill-Meyer and Associates**

6884 Chambers Dr  
Oakland, CA 94611  
(415) 642-1244

Robert Meyers, Principal

Total Sales FYE 7/82: \$350,000 Est.

*Computer Services Offered:* • Software Products

**Cornell Computer Corporation**

363 7th Avenue  
New York, NY 10001  
(212) 594-8543

Jerome Gilbert, President

Private

Total Sales FYE 9/83: \$11,800,000

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Cornwell, Robert Associates**

352 Evelyn Street  
Paramus, NJ 07652  
(201) 261-1050

Robert Cornwell, President

Private

Total Sales FYE 12/84: \$7,500,000 Est.

*Computer Services Offered:* • Processing • Software Products

**Corodale Incorporated**

211 Congress St.  
Boston, MA 02110  
(617) 426-8780

*Computer Services Offered:* • Software Products

**Corporate Data Systems**

3700 Science Center  
Philadelphia, PA 19104  
(215) 222-7046

*Computer Services Offered:* • Software Products

**Corporate Insurers Limited (CIL)**

See: Kaneb Services, Inc.

**Corporate Management Inc.**

4200 Aurora Avenue North  
Seattle, WA 98103  
(206) 632-0301

Fred Taucher, President

Private

**Corporate Systems**

1212 Ross, P.O. Box 31780  
Amarillo, TX 79120  
(806) 376-4223

Guyon Saunders, President

Private

Total Sales FYE 12/83: \$9,000,000

*Computer Services Offered:* • Processing • Professional Services

**Corporate Timesharing Services Inc.**

30 Rockefeller Plaza  
New York, NY 10020  
(212) 246-7733

John Cahill, President

Private

**Corporate-TECH Planning, Inc.**

275 Wyman Street  
Waltham, MA 02154  
(617) 890-2600

Norman H. Taylor, President

Private

Total Sales FYE 7/83: \$1,400,000 Est.

*Computer Services Offered:* • Professional Services

**Corroon & Black Actuarial Services, Inc.**

See: Corroon & Black Insurance Corporation

**Corroon & Black Insurance Corporation**

## SUBSIDIARIES:

**Corroon & Black Actuarial Services, Inc.**

550 Mamaroneck Ave.  
Harrison, NY 10528  
(914) 698-8030

Neal Healy, Executive Vice President



## Directory of Computer Services Companies

**Corstar Business Computing Company, Inc.**

1 Aqueduct Road  
White Plains, NY 10606  
(914) 428-5550  
John F. Sitar, President

Private

Total Sales FYE 12/83: \$5,000,000 Est.

**Computer Services Offered:** • Processing • Software Products • Professional Services • Turnkey Systems

**Cortex Corporation**

55 William St.  
Wellesley, MA 02181  
(617) 237-2304

Sherman Uchill, President

Private

Total Sales FYE 6/84: \$960,000

**Computer Services Offered:** • Software Products • Professional Services

**Cost Savings Data Systems Inc.**

106 Kahl Building  
Davenport, IA 52801  
(319) 323-2731

Lloyd Stegman, President

Private

**Cost Systems Engineers**

See: Wendall & Tralett

**Courier Journal-Louisville Times**

## SUBSIDIARIES:

**Data Courier, Inc.**

620 South Fifth Street  
Louisville, KY 40202  
(502) 582-4111

Dennis Auld, President

Private

**Computer Services Offered:** • Processing

**Courseware Applications Inc.**

206 Burwash Avenue  
Savoy, IL 61874  
(217) 359-1878

George Traynor, President

Private

Total Sales FYE 7/84: \$1,000,000 Est.

**Computer Services Offered:** • Software Products • Professional Services

**Coverdale Associates, Inc.**

132 Adams Street  
Newton, MA 02158  
(617) 332-8910

Shirley E. Coverdale, President

Private

Total Sales FYE 12/83: \$500,000 Est.

**Computer Services Offered:** • Software Products • Professional Services

**Cox Data Services**

Acquired/Merged With: Columbine Systems, Inc.

**Creative Data Systems**

Acquired/merged: Informatics General Corporation

**Creative Management Systems, Inc.**

8130 Boone Blvd, 4th Fl  
Vienna, VA 22180  
(703) 827-9157

**Computer Services Offered:** • Processing • Software Products • Professional Services

**Creative Output**

60 Commerce Park Rd  
Milford, CT 06430  
(203) 877-5671

Paul King, President

Total Sales FYE 12/83: \$10,000,000 Est.

**Computer Services Offered:** • Software Products

**Creative Socio-Medics, Corp. (CSM)**

See: Advanced Computer Techniques Corporation (ACT)

**Creative Software Concepts Inc.**

PO Box 349  
Binghamton, NY 13902  
(607) 722-3539

M. Dallas DeFee, President

Private

Total Sales FYE 7/83: \$500,000

**Computer Services Offered:** • Software Products • Professional Services

**Credit Bureau Inc. of Georgia**

See: Equifax Inc.

**Crown Data Center**

See: Mason Dixon Engineering

**Crowntek, Inc.**

## SUBSIDIARIES:

**Computer Corporation of America, Inc.**

Four Cambridge Center  
Cambridge, MA 02142  
(617) 492-8860

Thomas Marill, PH.D., President

Total Sales FYE 12/83: \$21,900,000 Est.

**Computer Services Offered:** • Processing • Software Products • Professional Services

**Datacrown Inc.**

650 McNicoll Ave.  
Toronto, ON M2H2E  
(416) 499-1012

Duncan MacLachlan, President

Public

Total Sales FYE 12/82: \$71,454,000

Cptr. Svcs. Revs. FYE 12/82: \$64,260,000

**Computer Services Offered:** • Processing

**Ctrac Computer Services**

18683 Sheldon Road  
Middlebury Heights, OH 44130  
(216) 676-9000

David Hamister, President

Private

Total Sales FYE 3/83: \$3,000,000 Est.

Cptr. Svcs. Revs. FYE 3/83: \$2,850,000

**Computer Services Offered:** • Processing • Software Products • Professional Services • Turnkey Systems

## Directory of Computer Services Companies

**Cubic Corporation**

## SUBSIDIARIES:

**Cubic Data Systems, Inc.**

8248 Ronson Road  
San Diego, CA 92111  
(714) 560-7066  
Paul Burns, Vice President

**Cubic Data Systems, Inc.**

See: Cubic Corporation

**Cullinet Software**

400 Blue Hill Drive  
Westwood, MA 02090  
(617) 329-7700  
Robert N. Goldman, President

## Public

Total Sales FYE 4/84: \$120,036,000

Computer Services Offered: • Software Products

## SUBSIDIARIES:

**White, Bob, Computing and Software Inc.**

814 Commerce Dr.  
Oakbrook, IL 60521  
(312) 887-1550  
Robert D. White, President

Total Sales FYE 2/83: \$4,000,000 Est.

Computer Services Offered: • Processing • Software Products

**Cumberland Software Inc.**

3020 Atlanta St.  
Smyrna, GA 30080  
(404) 432-3857  
Mark Russell, President

Computer Services Offered: • Software Products

**Cunadata Corporation**

See: General Motors

**Cuneo Press**

## SUBSIDIARIES:

**Graphic Arts Data Service**

200 West Monroe  
Chicago, IL 60606  
(312) 263-4222  
Frederick Faulkner, President

## Private

Total Sales FYE 1/82: \$1,600,000

Computer Services Offered: • Processing

**Custom Application Systems, Inc.**

1888 Century Park, E  
Century City, CA 90067  
(213) 552-6928

Computer Services Offered: • Software Products

**Custom Computer Services**

PO Box 1738  
Rapid City, SD 57709  
(605) 343-7800  
Bud Brummer, President

## Private

Total Sales FYE 7/81: \$750,000 Est.

Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Custom Computer Services, Inc.**

2210 San Joaquin  
Fresno, CA 93721  
(209) 486-4750  
John W. Dodson, President

## Private

Total Sales FYE 9/83: \$1,600,000

Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Custom Computing Systems, Inc.**

122 Second Ave. N  
Saskatoon, SA S7K2B  
(306) 664-8933

Sylvan Katz, President

## Private

**Custom Data Services, Inc.**

5090 Central Highway Ste 9A  
Pennsauken, NJ 08109  
(609) 663-9422

Frank N. Casey, President

**Custom Engineering Services**

## SUBSIDIARIES:

**Southwest Software Services Inc**

3602 E. Randol Mill Road  
Arlington, TX 76011  
(817) 640-8911

James P. Williams, President

## Private

Total Sales FYE 7/83: \$800,000 Est.

Computer Services Offered: • Software Products

**Custom Management Systems, Inc.,  
Systems Division**

P.O. Box 10046  
Tallahassee, FL 32302  
(904) 244-3208

**Customized Business Systems**

973 Market, Ste 500  
San Francisco, CA 94103  
(415) 495-6022

**Cusys Inc.**

2305 Coney Island Ave.  
Brooklyn, NY 11223  
(212) 336-4498

David Fuchs, President

## Private

## Directory of Computer Services Companies

**Cutler-Williams, Inc.**

2655 Villa Creek Drive, Suite 205

Dallas, TX 75234

(214) 243-3421

George Enochs, President

Private

Total Sales FYE 12/83: \$8,500,000 Est.

*Computer Services Offered:* • Software Products • Professional Services**Cuyahoga Savings & Loan, and First Federal of Cleveland**

## SUBSIDIARIES:

**Greater Cleveland Computer Center**

1110 Euclid Avenue

Cleveland, OH 44115

(216) 861-7193

Private

**Cyber Data Systems**

570 Elmont Rd.

Elmont, NY 11003

(516) 352-2822

Hank Alrich, President

Private

Total Sales FYE 12/82: \$1,500,000 Est.

*Computer Services Offered:* • Software Products • Turnkey Systems**CYBERNET**

See: Control Data Corporation

**Cybernetics and Systems Inc.**

See: CSX Corporation

**Cybernetics Inc.**

8041 Newman Ave. Suite 208

Huntington Beach, CA 92647

(714) 848-1922

Joe Sheldon, President

Private

**Cybernetics System International Corp**

Cybernetics Bldg 1313 Ponce De Leon Blvd

Coral Gables, FL 33134

(305) 443-1651

Rudy Valdor, President

Private

Total Sales FYE 12/81: \$1,500,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services**Cybershare Ltd.**

550 Berry

Winnipeg, MB R3H0R

(204) 775-0181

Jack Turner, President

Private

Total Sales FYE 3/81: \$4,000,000

*Computer Services Offered:* • Processing • Software Products**Cybertek Computer Products, Inc.**

6133 Bristol Parkway

Culver City, CA 90230

(213) 649-2450

Vaughn W. Morgan, President

Private

Total Sales FYE 3/84: \$14,000,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems**Cybertronics Inc.**

842 Cottage Avenue East

Minneapolis, MN 55106

(612) 771-5623

Robert Hansen, President

Private

**Cyborg Systems, Inc.**

2 North Riverside Plaza, Suite 2160

Chicago, IL 60606

(312) 454-1865

Michael Blair, President

Private

Total Sales FYE 2/84: \$6,500,000 Est.

*Computer Services Offered:* • Software Products**Cycare Systems, Inc.**

520 Dubuque Building

Dubuque, IA 52001

(319) 556-3131

James H. Houtz, President

Public

Total Sales FYE 12/83: \$29,246,231

Cptr. Svcs. Revs. FYE 12/83: \$28,594,242 Est.

*Computer Services Offered:* • Processing • Turnkey Systems**Cycom Corporation**

3355 Richmond Road

Beachwood, OH 44122

(216) 831-7990

James A. Musser, President

Private

Total Sales FYE 12/82: \$2,000,000

*Computer Services Offered:* • Turnkey Systems**Cygnus Technologies Corporation**

350 Hudson Street

New York, 10014

(212) 242-3434

J. Aranovich, President

Private

**CYMA Corporation**

See: McGraw-Hill, Inc.

**Cytrol, Incorporated**

4620 West 77th Street

Edina, MN 55435

(612) 835-4884

Roy J. Smith, President

Private

Total Sales FYE 12/83: \$7,500,000 Est.

*Computer Services Offered:* • Software Products • Professional Services**D.E.C. Service Corporation**

1133 North 2nd Street

Rockford, IL 61107

(815) 965-2751

H.D. Kaiser Jr., President

Private

## Directory of Computer Services Companies

**D.E.S. Inc.**

407 Gilbert Ave  
Cincinnati, OH 45202  
(513) 621-2388  
James W. Grever, President  
Private  
Total Sales FYE 8/82: \$650,000  
Computer Services Offered: • Processing

**D-NET**

See: Harris Data Service Inc.

**DBA Systems, Inc.**

1103 West Hibiscus Boulevard  
Melbourne, FL 32901  
(305) 727-0660  
M. Alan Bishop, President  
Public  
Total Sales FYE 6/84: \$38,087,000  
Cptr. Svcs. Revs. FYE 6/84: \$15,200,000 Est.  
Computer Services Offered: • Professional Services • Turnkey Systems

**DBMS, Inc.**

1801 Mill Street  
Naperville, IL 60540  
(312) 961-5700  
Andrew J. Filipowski, President and CED  
Private

Total Sales FYE 8/84: \$16,000,000  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**DCD Company**

See: Borg Enterprises

**DDP Systems, Inc.**

132 West 31st  
New York, NY 10001  
(212) 736-4240

Private  
Total Sales FYE 1/81: \$700,000  
Computer Services Offered: • Software Products • Turnkey Systems

**DMI Systems, Inc.**

See: McDonnell Douglas Automation Company

**DMR & Associates Ltd.**

1200 Miguel College Ave, Ste 7  
Montreal, QB H3B4G  
(514) 866-3301

Pierre Ducuros, President

Private  
Total Sales FYE 5/83: \$37,000,000  
Computer Services Offered: • Professional Services

**DMW Group, Inc.**

2020 Hogback Road  
Ann Arbor, MI 48104  
(313) 971-5234  
Dixon Doll, President

Private  
Total Sales FYE 3/83: \$5,000,000 Est.  
Computer Services Offered: • Processing • Software Products

**DNA Systems, Inc.**

1258 S. Washington P.O. Box 1424  
Saginaw, MI 48605  
(517) 793-0185

Private  
Total Sales FYE 6/82: \$1,200,000  
Computer Services Offered: • Software Products

**DPC Corporation**

7115 Leesburg Pike  
Falls Church, VA 22046  
(703) 532-1775

Computer Services Offered: • Processing

**DPEX, Incorporated**

240 Pamela Drive  
Mountain View, CA 94040  
(415) 965-3739  
James W. James, President

Private  
Total Sales FYE 2/84: \$1,500,000 Est.  
Computer Services Offered: • Professional Services

**DPS Inc.**

350 South 4th East Suite 114  
Salt Lake City, UT 84115  
(801) 532-3567  
Don Phillips, President  
Private

**DPX Inc.**

992 S Saratoga-Sunnyvale Rd  
San Jose, CA 95129  
(408) 973-9292

William Ackerman, President  
Private  
Computer Services Offered: • Software Products • Professional Services

**DSI-Data Spectrum Inc.**

53 Park Pl.  
New York, NY 10007  
(212) 964-4482  
1970, President

Private

**DSI, Inc.**

2480 W. Alameda  
Denver, CO 80223  
(303) 922-8331  
Larry Johnston, President  
Private

**DST Systems, Inc.**

See: Kansas City Southern Industries, Inc.

**DTSS Incorporated**

See: Metropolitan Life Insurance Company

**DYX Corporation**

10515 Church Road, Box 38625  
Dallas, TX 75238  
(214) 699-9863

John Meagher, Jr., President  
Private  
Total Sales FYE 10/83: \$577,000  
Computer Services Offered: • Software Products • Professional Services

## Directory of Computer Services Companies

**D & B Computing Services, Inc.**

See: Dun and Bradstreet

**Da-Tronics, Inc.**

2962 Market Avenue North  
Canton, OH 44714  
(216) 455-3363

Donna A. Miller, President

Private

Total Sales FYE 12/81: \$1,000,000

*Computer Services Offered:* • Processing • Turnkey  
Systems

**Dacor, Inc.**

13330 Bishop Road  
Bowling Green, OH 43402  
(419) 352-3568

David L. Fulton, President

Private

Total Sales FYE 12/83: \$2,500,000 Est.

*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Dagar Software/Software Development Corp.**

270 Amity Road Crown Towers  
Woodbridge, CT 06525  
(203) 397-0500

Arnold Roffman, President

Private

Total Sales FYE 7/81: \$600,000

*Computer Services Offered:* • Software Products

**Daisy Systems Corporation**

139 Kifer Court  
Sunnyvale, CA 94086  
(408) 773-9111

Aryeh Finegold, President

Public

Total Sales FYE 9/83: \$17,474,000

*Computer Services Offered:* • Turnkey Systems

**Dakco Distributors**

## SUBSIDIARIES:

**Midco Data Systems**

503 Broadway P.O. Box 3142  
 Fargo, ND 58102  
(701) 293-5602

R.F. Saunders, President

**Dalgety Ltd.**

## SUBSIDIARIES:

**Dalgety, Inc.**

3055 Fairview Way  
San Mateo, CA 94402  
(415) 965-0500

Peter A. J. Gardner, President

Total Sales FYE 6/82: \$1,150,000,000 Est.

Cptr. Svcs. Revs. FYE 6/82: \$900,000 Est.

*Computer Services Offered:* • Processing • Professional  
Services

**Dalgety, Inc.**

See: Dalgety Ltd.

**Daly & Wolcott, Inc.**

120 Lavan Street  
Warwick, RI 02888  
(401) 781-2600

Terrance J. Daly, President

Private

Total Sales FYE 7/84: \$2,000,000 Est.

*Computer Services Offered:* • Software Products •  
Professional Services

**Damas Office of Tetra Tech Services, Inc.**

See: Honeywell Inc.

**Dapsco, Inc.**

1544 W. Dorothy Lane  
Dayton, OH 45409  
(513)294-5331

*Computer Services Offered:* • Software Products

**Darcor**

1349 Ridgeline Dr.  
Metairie, LA 70002  
(504) 837-6297

Dennis A. Richards, President

Private

Total Sales FYE 10/82: \$800,000 Est.

*Computer Services Offered:* • Software Products

**Dartmouth College**

Kiewit Computation Center  
Hanover, NH 03755  
(603)646-2644

**Dash Group, Inc.**

PO Box 8666  
Reading, PA 19603  
(215)372-4500

*Computer Services Offered:* • Software Products

**Data Access Corporation**

4221 Ponce De Leon Blvd  
Coral Gables, FL 33146  
(305)446-0669

*Computer Services Offered:* • Software Products

**Data Architects, Inc.**

245 Winter Street  
Waltham, MA 02154  
(617) 890-7730

Martin Cooperstein, Chairman And CEO

Public

Total Sales FYE 11/83: \$23,545,734

Cptr. Svcs. Revs. FYE 11/83: \$15,328,831

*Computer Services Offered:* • Software Products •  
Professional Services

## Directory of Computer Services Companies

**Data Base Logic Inc.**

1601 Concord Pike Independence Mall  
Wilmington, DE 19803  
(302)656-4141  
Joseph B Elad, President  
Private  
Total Sales FYE 6/82: \$250,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services

**Data Base Management, Inc.**

1100 High Ridge Rd.  
Stamford, CT 06905  
(203) 322-4681  
William Schmidt, President  
Private  
Total Sales FYE 12/82: \$5,000,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Data Basics Corp.**

151 West 40th St.  
New York, NY 10018  
(212) 354-3870  
Donn Liles, President  
Private  
Total Sales FYE 6/82: \$2,000,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Data Belt Corporation**

71 West 23rd Street  
New York, NY 10010  
(212) 675-0200  
D.J. Stark, President  
Private  
Total Sales FYE 12/81: \$750,000  
*Computer Services Offered:* • Processing • Professional  
Services • Turnkey Systems

**Data Capital**

*See:* Data Wholesale

**Data Care Systems**

2044 Armacost Ave  
Los Angeles, CA 90025  
(213)826-4500  
Paul Marchetti, President  
Private

**Data Center Corporation**

2033 Pontius Ave.  
Los Angeles, CA 90025  
(213) 473-4444  
H.J. Groelinger, President  
Private

**Data Communications Corporation**

3000 Directors Row  
Memphis, TN 38131  
(901) 345-3544  
James L. Thornton, President  
Private  
Total Sales FYE 12/83: \$24,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products

**Data Companies (The), Inc.**

11777 Katy Freeway Suite 5005  
Houston, TX 77079  
(713) 493-4281  
William Goodwin, President

**Data Composition Services Inc.**

13501 Baltimore Blvd.  
Laurel, MD 20810  
(301)953-3196  
*Computer Services Offered:* • Processing

**Data Computer Center Inc.**

*See:* Texas Refinery Corporation

**Data Computing Corporation**

229 Baldwin Road  
Hempstead, NY 11551  
(516) 481-7344  
Charles Kornheiser, President  
Private  
Total Sales FYE 6/83: \$2,500,000 Est.  
*Computer Services Offered:* • Processing

**Data Concepts**

420 Bedford St.  
Lexington, MA 02173  
(617) 861-7620  
Thorpe E. Wright, President  
Total Sales FYE 7/83: \$5,000,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Rockford Research Inc.**

56 Boylston St.  
Cambridge, MA 02138  
(617) 876-6776  
Calvin N. Moers, President  
*Computer Services Offered:* • Software Products

**Data Consultants Inc.**

*See:* Lawgasser Brothers, Inc.

**Data Consulting Associates Inc.**

89 Locke Rd  
Chelmsford, MA 01824  
(617) 256-3901  
William R. Duffy, Sr., President  
Private

**Data Conversion Systems**

520 Michigan, N Suite 600  
Chicago, IL 60611  
(312)644-6700  
Robert Laskow, President  
Private

**Data Corp of Virginia, Inc.**

*See:* National Bank of Virginia

**Data Counts**

19320 Van Ness Ave.  
Torrance, CA  
(213) 775-3645  
Private  
Total Sales FYE 12/82: \$5,000,000 Est.  
*Computer Services Offered:* • Professional Services •  
Turnkey Systems

**Data Courier, Inc.**

*See:* Courier Journal-Louisville Times

## Directory of Computer Services Companies

**Data Design Associates, Inc.**

1279 Oakmead Parkway  
Sunnyvale, CA 94086  
(408) 730-0100  
David D. Lowry, President  
Private  
Total Sales FYE 3/83: \$5,025,000  
*Computer Services Offered:* • Software Products

**Data Dimension Inc.**

50 Washington Street  
Norwalk, CT 06854  
(203) 853-2290  
Kenneth E. Wortz, President

**Data Directions, Inc.**

7700 Edgewater Drive  
Oakland, CA 94621  
(415) 632-4303  
Robert McCoy, President  
Private  
Total Sales FYE 7/82: \$2,500,000  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**New Directions**

7700 Edgewater Dr.  
Oakland, CA 94621  
(415) 632-2996  
Stephen L. Anderson, President  
*Computer Services Offered:* • Professional Services

**Data Financial Systems Inc.**

P.O. Box 15411  
Phoenix, AZ 85060  
(602) 959-9240  
Roy Kingsley, President  
Private

**Data Flow Inc.**

3193 Tech Drive North Suite 700  
St. Petersburg, FL 33702  
(813) 228-8126  
Martin Sullivan, Chairman  
Private  
Total Sales FYE 12/83: \$1,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products

**Data General Corporation**

4400 Computer Drive  
Westboro, MA 01580  
(617) 366-8911  
Edson D. deCastro, President  
Public  
Total Sales FYE 9/83: \$828,904,000  
Cptr. Svcs. Revs. FYE 9/83: \$58,000,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Data I/O Corporation**

10525 Willows Road N.E./C-46  
Redmond, WA 98052  
(206) 881-6444  
Lawrence L. Mayhew, President  
Public  
Total Sales FYE 12/83: \$36,262,000  
Cptr. Svcs. Revs. FYE 12/83: \$500,000 Est.  
*Computer Services Offered:* • Software Products

**Data Inc.**

4620 Lee Highway  
Arlington, VA 22207  
(703) 524-0400  
Tom Christensen, President

## SUBSIDIARIES:

**Cado Systems of MD, Inc.**

2065 York Road  
Timonium, MD 21093  
(301) 561-0525  
H.F. Horowitz, President  
Private  
*Computer Services Offered:* • Turnkey Systems

**Data Inc.**

604 Northwest  
Sioux Falls, SD 57001  
(605) 336-3306  
Ron Erb, President

**Data Inc.**

1 New England Executive Park  
Burlington, MA 01730  
(617) 273-3540  
Paras Traganos, President  
Private  
Total Sales FYE 1/83: \$4,000,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Data Index Incorporated**

4390 Alpha Rd.  
Dallas, TX 75234  
(214) 386-3929  
Robert L. McIntire, President  
Private  
Total Sales FYE 6/82: \$300,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Data Information Science Center**

PO Box 3185  
Salem, OR 97302  
(503) 581-7140  
John Dahl, President  
Private

**Data Law Co.**

6341 South Troy Circle, Suite E  
Englewood, CO 80111  
(303) 790-8193  
William J. Eggert, President  
Public  
Total Sales FYE 12/83: \$832,943  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Data Line Service Company**

See: Pomona 1st Fed. Savings & Loan & Santa Fe Fed. Savings & Loan



## Directory of Computer Services Companies

**Data Management Inc.**

1325 Wilkes St.  
Alexandria, VA 22314  
(703) 549-0890  
Roger Lawson, President  
Private

**Data Management Inc.**

7601 Bush Lake Road  
Edina, MN 55435  
(612) 831-3350  
Gerald W. Simonson, President  
Public  
Total Sales FYE 8/83: \$414,504  
Computer Services Offered: • Processing • Turnkey Systems

**Data Marc Inc.**

1251 Colombia St  
Richardson, TX 76903  
(214) 783-1691  
Computer Services Offered: • Software Products

**Data Prep Corporation**

7115 Leesburg Pike  
Falls Church, VA 22046  
(703) 532-1775  
Richard L. Scholl, President  
Private

**Data Probe Inc.**

404 Park Avenue South  
New York, NY 10022  
(212) 532-1914  
Ari Banchana, President  
Private

**Data Processing & Accounting Services**

See: C & T Management Services Inc.

**Data Processing Business Systems**

4738 West Peterson  
Chicago, IL 60646  
(312) 286-0441  
J.F. Callahan, President  
Private

**Data Processing Center Inc.**

3920 Howard Avenue  
New Orleans, LA 70125  
(504) 821-6165  
John D. Pepperman, President  
Private  
Total Sales FYE 10/83: \$1,500,000 Est.  
Computer Services Offered: • Processing

**Data Processing Consultants**

2405 San Pedro, N.E.  
Albuquerque, NM 87110  
(505) 884-6042  
Steve A. Chavez, President  
Private  
Total Sales FYE 12/81: \$300,000  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**Data Processing Design, Inc.**

181 Orangethorpe Suite F  
Placentia, CA 92670  
(714) 993-4160  
Steve Abbott, President  
Private  
Total Sales FYE 7/82: \$4,000,000 Est.  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**Data Processing Educational Corp.**

4588 Kenny Road  
Columbus, OH 43220  
(614) 457-0577  
Carol Clark, President  
Private  
Total Sales FYE 7/84: \$500,000 Est.  
Computer Services Offered: • Professional Services

**Data Processing Enterprises**

914 S. Hoover Street  
Los Angeles, CA 90006  
(213) 380-7200  
Murray Chesis, President  
Private

**Data Processing of the South Inc.**

See: General Motors

**Data Processing Security, Inc.**

200 N.E. Loop 820  
Fortworth, TX 76112  
(817) 457-9400  
Louis Scoma, President  
Private

**Data Processing Services**

908 Penn Avenue  
Pittsburgh, PA 15222  
(412) 261-3730  
Walter Haupt, President  
Private

**Data Processing Services Inc.**

8604 Allisonville Rd.  
Indianapolis, IN 46250  
(317) 842-8300  
Daniel E. Barrow, President  
Private

**Data Processing Services Inc.**

5221 E 3Rd Ave  
Spokane, WA 99206  
(509) 838-5291  
Roger T. Stilson, President  
Private

**Data Processing Services Inc.**

4710 Eisenhower Blvd.  
Tampa, FL 33614  
(813) 884-8457  
William P. Lynch, President  
Private  
Total Sales FYE 8/83: \$1,275,000  
Computer Services Offered: • Processing

## Directory of Computer Services Companies

**Data Processing Services of Findlay**

101 1/2 W. Sandusky Street  
Findlay, OH 43840  
(419) 423-8575  
Barbara Longberry, Manager  
Private  
Total Sales FYE 12/84: \$250,000 Est.  
*Computer Services Offered:* • Processing

**Data Processors Inc.**

P.O. Box 2660  
Casper, WY 82601  
(307) 234-7308  
David R. Sutherland, President  
Private

**Data Resources, Inc.**

See: McGraw-Hill, Inc.

**Data Retrieval Corporation Of America**

8989 N. Deerwood Drive, PO Box 23437  
Milwaukee, WI 53223  
(414) 355-5900  
James K. Heller, President  
Private  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**Data Science Corporation**

3304 Olive Street  
St. Louis, MO 63103  
(314) 535-5900  
Byrne F. Belcher, President  
Private

**Data Services Corporation**

705 Airport Blvd PO Box 1746  
Ann Arbor, MI 48106  
(313) 769-1415  
Gerald K. Swain, President  
Private

**Data Solutions Inc.**

1015 E. Hillsdale Blvd., Suite 208  
Foster City, CA 94404  
(415) 574-2262  
Chris Castro, President  
Private  
Total Sales FYE 4/84: \$1,125,000 Est.  
*Computer Services Offered:* • Turnkey Systems

**Data South Of Louisiana, Inc.**

2616-A Wooddale Boulevard,  
Baton Rouge, LA 70805  
(504) 928-7169  
John D. Zoller, President  
Private  
Total Sales FYE 12/83: \$1,000,000 Est.  
*Computer Services Offered:* • Processing • Turnkey  
Systems

**Data Structure, Inc.**

Acquired by/merged with: Computer Task Group Inc.

**Data Systems Analysts, Inc.**

North Park Dr & Airport Hwy. Cooper Park Building  
East  
Pennsauken, NJ 08109  
(609) 665-6088  
Charles H. Margolin, President  
Private

**Data Systems Corporation**

8827 Staples Mill Road  
Richmond, VA 23228  
(804) 264-7300  
A. Paul Cox, Jr., President  
Private  
Total Sales FYE 7/84: \$10,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Turnkey Systems

**Data Systems Design, Inc.**

2241 Lundy Ave  
San Jose, CA 95131  
(408) 946-5800

**Data Systems for Industry**

See: Technology Management Systems International

**Data Systems of Arizona**

2222 W. Encanto Blvd.  
Phoenix, AZ 85009  
(602) 257-0965  
Sam Babson, President

**Data Systems of Baton Rouge**

8939 Jefferson Highway  
Baton Rouge, LA 70809  
(504) 923-0888  
Daniel R. Henderson, President  
Private  
Total Sales FYE 1/84: \$1,500,000 Est.  
*Computer Services Offered:* • Software Products • Turnkey  
Systems

## DIVISIONS:

**Communications Research Group**

8939 Jefferson Highway  
Baton Rouge, LA 70809  
(504) 923-0888  
D.R. Henderson, President  
*Computer Services Offered:* • Software Products

**Data Systems of California**

954 Chestnut Street  
San Jose, CA 95110  
(408) 286-4044  
Tom Straughn, President  
Private

**Data Systems, Inc.**

See: Dataco, Inc.

**Data Systems, Inc.**

25 McDowell Rd., W.  
Phoenix, AZ 85003  
(602) 252-3474  
*Computer Services Offered:* • Processing

**Data Systems, Inc.**

975 SE Sandy Blvd  
Portland, OR 97214  
(503) 233-5126  
William F. Holdner, President  
Public  
Total Sales FYE 10/82: \$400,000  
*Computer Services Offered:* • Processing

## Directory of Computer Services Companies

**Data Tabulating Corporation**

1910 E. Meadowmere  
Springfield, MO 65804  
(417) 869-1827  
Wayne Kendall, President  
Private

**Data Technical Analysts**

2828 Paa St., Ste. 3000  
Honolulu, HI 96819  
(808)833-0051  
Frank Fukunaga, President

**Data Tek, Incorporated**

4915 Auburn P.O. Box 34270  
Bethesda, MD 20814  
(301) 654-6055  
Pierre Debbane, President  
Private  
Total Sales FYE 12/82: \$1,700,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Data Ten, Inc.**

15560 Rockfield Blvd.  
Irvine, CA 92714  
(714) 859-1529  
Ed Allen, President  
Private  
Total Sales FYE 10/83: \$2,150,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products

**Data Train, Inc.**

840 N.W. 6th St, Suite 3  
Grants Pass, OR 97526  
(503) 476-1467  
Robert Schilling, President  
Total Sales FYE 5/81: \$350,000  
*Computer Services Offered:* • Software Products

**Data Universal Corp.**

1485 Teaneck Rd.  
Teaneck, NJ 07666  
(201) 837-2700  
Gary Mokotoff, President  
Private  
Total Sales FYE 5/82: \$1,300,000  
*Computer Services Offered:* • Processing • Professional  
Services

**Data Wholesale****DIVISIONS:****Data Capital**

700 Whitney  
San Leandro, CA 94577  
(415) 638-1206  
Private

**Data 21**

19110 Van Ness Ave  
Torrance, CA 90501  
(213)320-7110  
*Computer Services Offered:* • Software Products

**Data 3 Systems**

P.O. Box 441  
Santa Rosa, CA 95402  
(707) 528-6560  
Richard C. Anderson, President  
Private  
Total Sales FYE 6/83: \$6,000,000 Est.  
*Computer Services Offered:* • Software Products

**Data-Mate Inc.**

4135 South 100Th East Ave Suite 101  
Tulsa, OK 74145  
(918)664-7276  
Brad Jensen, President  
Total Sales FYE 7/82: \$500,000  
*Computer Services Offered:* • Software Products

**Data-Pack Inc.**

269 Brookside Road, Box 2116  
Waterbury, CT 06720  
(203) 756-7077  
William Brazilchuk, President  
Private

**Data-Power**

5750 Fairfax  
Commerce City, CO 80022  
(303) 288-0721  
Russ Lowery, President  
Private

**Data-Tax, Inc.**

710 Ogden Ave. E.  
Naperville, IL 60540  
(312)369-2414  
Richard A. Stvan, President  
Private  
Total Sales FYE 6/82: \$600,000  
*Computer Services Offered:* • Software Products

**Data-Tek Corporation**

1211 Chestnut Street  
Philadelphia, PA 19107  
(215) 564-4133  
H. Gus Mechalis, President  
Private  
Total Sales FYE 11/83: \$1,300,000  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**Data-Tronics Corporation**

*See: Arkansas Best Corporation*

**Databank**

6830 North Lincoln Avenue  
Lincolnwood, IL 60646  
(312) 674-6800  
Lester Stein, President  
Private

**Database Design Inc.**

2020 Hogback Road  
Ann Arbor, MI 48104  
(313) 971-5363  
Donald R. Brown, President  
Private  
Total Sales FYE 6/83: \$2,030,000  
*Computer Services Offered:* • Software Products •  
Professional Services

## Directory of Computer Services Companies

**Database Systems Corp.**

1846 Camelback Rd.  
Phoenix, AZ 85016  
(602) 265-5968  
William McCluskey, President  
Private

**Datability Software Systems**

500 10th Ave.  
New York, NY 10018  
(212) 736-6260

**Datacare, Inc.**

2602 Franklin Road, S.W.  
Roanoke, VA 24014  
(703) 981-9200  
C. David Kirk, President  
Private  
Total Sales FYE 9/83: \$6,500,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services

**Datathon Corporation**

174 Fifth Avenue  
New York, NY 10010  
(212) 675-5333  
Martin Zeitlin, President & CEO  
Private

**Dataco Computer Services**

See: Louisville Tabulating Service Bureau

**Dataco, Inc.**

2862 East Street Road  
Bensalem, PA 19020  
(215) 639-6500  
Richard Thompson, President  
Private

## SUBSIDIARIES:

**Data Systems, Inc.**

6500 Barrie Rd.  
Edina, MN 55435  
(612) 925-0200  
Gary Nichols, Vice President

**Information Control Inc.**

6700 Corporate Dr.  
Kansas City, MO 64120  
(816) 483-6900  
Gary Abernathy, President

**Datacom Systems Corporation**

See: Lockheed Corporation

**Datacomp Corporation**

See: Herbrick & Held Printing Company

**Datator Services Inc.**

1010 Westwood Blvd., Ste 400  
West Los Angeles, CA 90064  
(213) 208-5621  
John McCutcheon, President  
Total Sales FYE 12/81: \$1,600,000  
Computer Services Offered: • Processing • Software  
Products

**Datacrown Inc.**

See: Crowntek, Inc.

**Datafast Inc.**

132 Montgomery Street  
Scarsdale, NY 10583  
(914) 472-0165  
James Dellarmi, President  
Private

**Dataflow Systems, Inc.**

7758 Wisconsin Avenue  
Bethesda, MD 20014  
(301) 654-9133  
Bill Doudnikoff, President  
Private  
Total Sales FYE 5/82: \$850,000  
Computer Services Offered: • Professional Services

**Datagraphic Computer Services, Inc.**

6856 Tujunga Ave.  
North Hollywood, CA 91605  
(213) 877-3171  
Albert J. Cadis, President  
Private

**Dataguard Corporation**

15 Spinning Wheel Rd  
Hinsdale, IL 60521  
(312) 789-2277  
Computer Services Offered: • Software Products

**Datair Systems Corporation**

2137 South Lombard Avenue  
Chicago, IL 60650  
(312) 652-4840  
Conrad Morris, President  
Private  
Computer Services Offered: • Software Products

**Datalex Company**

650 Fifth St., Ste 406  
San Francisco, CA 94107  
(415) 541-0780  
Carolyn Morris, President  
Private

Total Sales FYE 10/82: \$300,000  
Computer Services Offered: • Software Products

**Datalift Corporation**

320 Market St., 5th Fl  
San Francisco, CA 94105  
(415) 658-9582  
Bob McGowan, President  
Private  
Total Sales FYE 12/83: \$1,800,000 Est.  
Computer Services Offered: • Processing • Software  
Products

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Key Data Services Inc.**

4560 Horton St  
Emeryville, CA 94608  
(415) 658-9582  
Bob Overton, President  
Private  
Total Sales FYE 12/81: \$500,000  
Computer Services Offered: • Processing

**Dataline Corporation**

See: Display Data Corporation

**Dataline Systems Ltd.**

175 Bedford Rd.  
Toronto, ON M5R2L  
(416) 964-9515  
J.C. Paradi, President  
Public  
Total Sales FYE 12/82: \$10,290,000  
Computer Services Offered: • Processing • Professional Services

**Datalink Systems Inc.**

See: Carlton Financial Systems

**Datalogics Inc.**

See: Interscience Inc.

**Dataman Corporation**

1440-840 Seventh Ave. S.W.  
Calgary, AB T2P3G  
(403) 266-4638

**Datamap, Inc.**

6874 Washington Avenue South  
Eden Prairie, MN 55344  
(612) 941-0900  
Grant I. Warfield, President  
Public  
Total Sales FYE 6/84: \$1,000,000 Est.  
Computer Services Offered: • Processing • Software Products

**Datamatic**

3713 Princeton Drive  
Santa Rosa, CA 95405  
(707) 544-8848  
Joseph Logan, President  
Private  
Total Sales FYE 8/82: \$3,000,000 Est.  
Cptr. Svcs. Revs. FYE 8/82: \$1,000,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services

**Datamatics**

330 New Brunswick Avenue  
Fords, NJ 08863  
(201) 738-9600  
Norman Heinlo, President  
Private  
Total Sales FYE 12/83: \$700,000  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Resource Software International, Inc.**

330 New Brunswick Avenue  
Fords, NJ 08863  
(201) 738-8500  
Private  
Computer Services Offered: • Software Products

**Datamatics Inc.**

2120 L St., N.W. Suite 102  
Washington, DC 20037  
(202) 466-7604  
Arthur M. Hughes, President  
Private  
Computer Services Offered: • Processing • Professional Services

**Datamation Inc.**

2001 E. Campbell, Suite 107  
Phoenix, AZ 85016  
(602) 957-0099  
Computer Services Offered: • Processing • Turnkey Systems

**DataMed Systems Corporation**

7301 Topanga Canyon Blvd  
Canoga Park, CA 91303  
(213) 887-3300  
Computer Services Offered: • Turnkey Systems

**Datamedic**

20 Oser Street  
Hauppauge, NY 11788  
(800) 645-7110  
Peter Fetterolf, President  
Private  
Total Sales FYE 3/83: \$4,500,000  
Computer Services Offered: • Turnkey Systems

**Datanetics**

226 Meyran Avenue  
Pittsburgh, PA 15213  
(412) 621-7358  
Jerome V. Lisovich, Director  
Private  
Total Sales FYE 12/83: \$500,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services

**Datanetwork, Inc.**

400 Embassy Square  
Louisville, KY 40299  
(502) 491-1050  
Norman Mosher, President  
Private  
Total Sales FYE 12/83: \$2,000,000 Est.  
Computer Services Offered: • Processing • Turnkey Systems

**Datanex, Inc.**

P.O. Box 1728  
Eugene, OR 97440  
(503) 687-2520  
Jack Delay, President  
Private  
Total Sales FYE 12/84: \$1,000,000 Est.  
Computer Services Offered: • Software Products

## Directory of Computer Services Companies

**Dataplex Company**

9030 North Fwy, Ste 104  
Houston, TX 77034  
(713) 448-4046

Robert C. Raulins, President  
*Computer Services Offered:* • Processing • Software Products

**Dataslink Business Systems, Inc.**

See: Delta Air Lines

**Datatab Chicago Inc.**

See: Datatab Inc.

**Datatab Inc.**

770 Broadway  
New York, NY 10003  
(212) 475-7800  
Sanford C. Adams, President

Public  
Total Sales FYE 12/81: \$5,589,252  
*Computer Services Offered:* • Processing

## SUBSIDIARIES:

**Datatab Chicago Inc.**

740 North Rush St.  
Chicago, IL 60611  
(312) 943-1323  
Lee Gallaher, President

**Datatel Inc.**

3700 Mt. Vernon Avenue  
Alexandria, VA 22305  
(703) 549-4300  
Earl G. Kendrick, Jr., Chairman

Private  
Total Sales FYE 12/82: \$16,178,000  
Cptr. Svcs. Revs. FYE 12/82: \$14,178,000  
*Computer Services Offered:* • Processing • Turnkey Systems

## SUBSIDIARIES:

**Datatel Minicomputer Company (DMC)**

3700 Mt. Vernon Avenue  
Alexandria, VA 22305  
(703) 549-4300  
Thomas R. Davidson, President

**Datatel Minicomputer Company (DMC)**

See: Datatel Inc.

**Datatend, Inc.**

3914 Beau D'Rue Dr  
Egan, MN 55122  
(612) 456-1526

*Computer Services Offered:* • Software Products

**Datatronics Systems Corporation Computer Sciences Division**

14421 Chase Street, P.O. Box 44128  
Panorama City, CA 91412  
(818) 988-5290

M.P. Milane, President  
Private  
Total Sales FYE 4/84: \$10,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Dataware, Inc.**

2565 Elmwood Ave.  
Buffalo, NY 14217  
(716) 876-8722  
Chester Czekaj, President  
Private

**Dataword, AMI**

1404 N.E. 140th Pl.  
Bellevue, WA 98007  
(206) 643-2050  
Bruce D. Milne, President

**Datex, Inc.**

1141 Whitney Ave.  
Gretna, LA 70053  
(504) 368-2097  
William E. Regan Jr., V.P., Gen. Mgr.

Private  
Total Sales FYE 9/83: \$2,500,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Datex Insta Card Corporation**

See: Gold Knoll Savings Bank

**Datex Inc.**

2445 Belmont Ave.  
Youngstown, OH 44504  
(216) 744-0131  
John W. Henry, President

Private  
Total Sales FYE 12/82: \$800,000 Est.  
*Computer Services Offered:* • Software Products

**Datran Corporation**

319 Peck Street  
New Haven, CT 06513  
(203) 787-5801  
Edward Cholakian, President  
Private

**Datronic Systems, Inc.**

1729 N. Central Expwy, Ste C  
Plano, TX 75075  
(214) 422-7711

*Computer Services Offered:* • Software Products

**Datronics, Inc.**

675 3rd Ave.  
New York, NY 10017  
(212) 867-0800  
Erwin Kaplin, President

Private  
Total Sales FYE 9/82: \$7,000,000  
*Computer Services Offered:* • Professional Services

**Davidson Associates**

6069 Grove Oak Pl, Ste 12  
Rancho Palos Verdes, CA 90274  
(313) 378-7826  
Janice Davidson, President

Private  
Total Sales FYE 12/82: \$1,000,000 Est.  
*Computer Services Offered:* • Software Products

## Directory of Computer Services Companies

### Davidson Software Systems

P.O. Box 21002  
Lansing, MI 48909  
(517) 332-5989  
Richard E. Davidson, Jr., President  
Private  
Total Sales FYE 12/83: \$150,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

### Dawson Geophysical Company

208 South Marienfeld Street  
Midland, TX 79701  
(915) 682-7356  
L. Decker Dawson, President  
Public  
Total Sales FYE 9/83: \$10,635,000  
Cptr. Svcs. Revs. FYE 9/83: \$1,500,000 Est.  
*Computer Services Offered:* • Processing

### Day & Zimmermann, Inc.

1818 Market St.  
Philadelphia, PA 19103  
(215) 299-8200  
Harold L. Yoh, Chief Executive Officer  
Private

#### SUBSIDIARIES:

#### Cole-Layer-Trumble Co.

3199 Klepinger Road  
Dayton, OH 45459  
(513) 276-5261  
Richard A. Borst, Chairman and CEO  
Total Sales FYE 12/83: \$20,000,000  
Cptr. Svcs. Revs. FYE 12/83: \$5,000,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services

#### DIVISIONS:

#### MDC Systems Corp.

1818 Market Street  
Philadelphia, PA 19103  
(215) 299-8213  
*Computer Services Offered:* • Processing • Software  
Products • Turnkey Systems

### Daytona Data Center

P.O. Box 2119-65 Coral Sea Ave  
Daytona Beach, FL 32015  
(904) 252-3633  
Charles H. Hosbein, President

### Deacom Data Consultants, Inc.

4 Prospect Ave  
Garden City, NY 11530  
(516) 294-0388  
Tom Deacom, President

### Dealer Information Systems

1221 Fraser St.  
Bellingham, WA 98226  
(206) 733-7610  
Robert Brim, President  
Private  
Total Sales FYE 7/83: \$2,500,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

### Dealer Services Corp.

10 Executive Mall P.O. Box 875  
Valley Forge, PA 19481  
(215) 687-9100  
Nelson Bobb, President  
Private

### DeBugge Computer Services Inc.

499 E. Palmetto Park Rd  
Boca Raton, FL 33432  
(305) 392-0541  
John P. Foss, President  
Private  
Total Sales FYE 12/82: \$1,000,000  
*Computer Services Offered:* • Software Products •  
Professional Services

### Decimus Corporation

See: BankAmerica Corporation

### Decision Consultants Inc.

24901 Northwestern, Suite 502  
Southfield, MI 48075  
(313) 352-8650  
Jack Krasula, President  
Private  
Total Sales FYE 12/83: \$7,500,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services

### Decision Focus Inc.

5 Palo Alto Square Suite 410  
Palo Alto, CA 94303  
(415) 494-7721  
Dean W. Boyd, President  
Private  
Total Sales FYE 12/81: \$2,000,000  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

### Decision Graphics

11 Main Street, P.O. Box 306  
Southboro, MA 01772  
(617) 481-4119  
John B. Nilsson, President  
Private  
Total Sales FYE 7/81: \$850,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

### Decision Products Services, Inc.

See: Planning Decisions Group Inc.

### Decision Resources Corporation

1701 K Street, N.W., 3rd Floor  
Washington, DC 20006  
(202) 223-9430  
Lynette Ferrara, President  
Private  
Total Sales FYE 9/84: \$2,700,000  
Cptr. Svcs. Revs. FYE 9/84: \$750,000 Est.  
*Computer Services Offered:* • Professional Services

### Decision Resources, Inc.

PO Box 309  
Westport, CT 06881  
(203) 222-1974  
*Computer Services Offered:* • Software Products



# Directory of Computer Services Companies

## Decision Science Inc.

4901 Morena Blvd.  
San Diego, CA 92117  
(714) 273-2922  
Lawrence J. Fogel, PH.D., President  
Private

## Decision Sciences Corporation

Fox Pavillon, Suite 528  
Jenkintown, PA 19046  
(215) 887-1970  
Donald F. Blumberg, President  
Private  
Total Sales FYE 6/82: \$5,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

### SUBSIDIARIES:

## Telecommunications Management Corp.

6380 Wilshire Blvd., Ste. 808  
Los Angeles, CA 90048  
(213) 653-0810  
Carl Pinick, President  
*Computer Services Offered:* • Professional Services

## Decision Systems, Inc.

145 Soo Line Building  
Minneapolis, MN 55402  
(612) 338-2585  
Richard Borchers, President  
Private  
Total Sales FYE 12/83: \$2,100,000  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

### SUBSIDIARIES:

## Minnesota Information Systems Corporation

145 Soo Line Building  
Minneapolis, MN 55402  
(612) 338-2585  
Richard Borchers, President

## Decisionex, Inc.

1200 Post Road East  
Westport, CT 06880  
(203) 226-7424  
Herbert Terry, President  
Private  
Total Sales FYE 11/84: \$1,500,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

## Decisions Development Inc.

115 East Ninth Street Suite 16 A  
New York, NY 10003  
(212) 254-8405  
Donald C. Holmes, President  
Private  
Total Sales FYE 1/84: \$500,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products

## Dedicated Minisystems for Banking Inc.

*See:* Bowers and Davis, Consultants and Engineers

## Del Bron Inc.

2767 Olive Highway, Ste 8  
Oroville, CA 95965  
(916) 533-6332  
J. L. Bronson, Chairman  
Private  
Total Sales FYE 10/83: \$150,000  
*Computer Services Offered:* • Software Products

## Del Rey Systems, Inc.

8929 Sepulveda Blvd. Suite 105  
Los Angeles, CA 90045  
(213) 417-4993  
Jonathan A. Humphry, President  
Private  
Total Sales FYE 6/82: \$1,500,000 Est.  
*Computer Services Offered:* • Professional Services •  
Turnkey Systems

## Del-Data Computer Services

*See:* Independent Newspapers Inc.

## DeLair Data Systems, Inc.

2639 North 33rd Avenue  
Phoenix, AZ 85009  
(602) 269-8373  
W.E. DeLair, President

## Deloitte Haskins & Sells

114 Avenue of the Americas 19th Floor  
New York, NY 10036  
(212) 790-0500  
Private  
Cptr. Svcs. Revs. FYE 6/83: \$27,500,000 Est.  
*Computer Services Offered:* • Professional Services

## Delphi Associates, Inc.

*See:* Little, Arthur D., Inc.

## Delphi Data Systems, Inc.

9905 Hamilton Rd  
Eden Prairie, MN 55344  
(612) 941-9182  
David Haertzen, President  
Private  
Total Sales FYE 10/82: \$450,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

## Delphi Systems Inc.

4605 Lankershim Blvd.  
North Hollywood, CA 91602  
(213) 985-7070  
Kenneth W. Bitticks, President  
Private  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

## Delta Air Lines

Atlanta, GA

### SUBSIDIARIES:

## Dataslink Business Systems, Inc.

6060 South Willow Dr.  
Englewood, CO 80111  
(303) 694-2116  
*Computer Services Offered:* • Software Products

## Directory of Computer Services Companies

**Delta Resources Inc.***Acquired by: Volt Information Sciences Inc.***Densichron Division***See: Sargent-Welch Scientific Co.***Denver Processing Center, Inc.**910 15th St, Ste 200  
Denver, CO 80202  
(303) 571-1170

Hugo Pulju, President

*Computer Services Offered:* • Processing**Denver Software Company, The**14100 E. Jewell Ave, Ste 15  
Aurora, CO 80012  
(303) 750-9980

Harald Blakeslee, President

Private

Total Sales FYE 7/82: \$1,200,000 Est.

*Computer Services Offered:* • Software Products**Desa, Inc.***Name changed to: Dataco, Inc.***Desert Data Centers Inc.**805 S. Hohokam Dr.  
Tempe, AZ 85281  
(602) 968-3411

Rod Langum, President

Private

**Design Aids, Inc.**27822 El Lazo Rd  
Laguna Niguel, CA 92677  
(714) 831-5611

Roger Rutman, President

Private

Total Sales FYE 12/82: \$2,500,000

*Computer Services Offered:* • Software Products**Design Consultants, Inc.**100 Progress Parkway, Suite 226  
St. Louis, MO 63043  
(314) 434-5750

Mark J. Feinstein, President

Private

*Computer Services Offered:* • Software Products**Designers & Builders of Information Systems**1 Mayfair Road  
Eastchester, NY 10707  
(914) 779-5292

Edward Baron, President

Private

Total Sales FYE 8/81: \$980,000

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems**DesignWare**185 Berry St, Ste 158  
San Francisco, CA 94107  
(415) 546-1866

James Schuyler, President

Private

*Computer Services Offered:* • Software Products**Desk Top Financial Solutions Inc**407 Main Street  
Spotswood, NJ 08884  
(201) 251-7191

Paul Taa, President

Private

Total Sales FYE 12/83: \$335,000 Est.

*Computer Services Offered:* • Software Products**Development Systems International**4721 Laurel Canyon Suite T  
North Hollywood, CA 91607  
(213) 985-4260

Norman H. Carter, President

Private

Total Sales FYE 6/82: \$550,000

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems**Dewar Information Systems Corporation**221 West Lake Street  
Oak Park, IL 60302  
(312) 524-1644

S. Dewar, President

Private

**Dexel Systems Corporation**5203 Leesburg Pike, Suite 1200  
Falls Church, VA 22041  
(703) 931-2100

W. Braun Jones, Jr., President

Private

Total Sales FYE 12/81: \$300,000 Est.

*Computer Services Offered:* • Software Products • Professional Services**Dial Computer Corp.***Merged with: Norwest Financial, Inc.***Dial, D.H. & Company**Murray Financial Center 5550 LBJ Frwy, L.B.-1  
Dallas, TX 75240  
(214) 458-0987*Computer Services Offered:* • Software Products**Dialcom Inc.***Name Changed To: ITT Dialcom Inc.***Dialog Information Services, Inc.***See: Lockheed Corporation***Dialogue Inc.**19 Rector Street 35th Floor  
New York, NY 10006  
(212) 425-2665

Arthur T. Stern, President

Private

Total Sales FYE 4/84: \$3,500,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services

# Directory of Computer Services Companies

## Dickerman Associates Inc.

99 State St.  
Boston, MA 02109  
(617) 367-5754  
Howard Dickerman, President

## Dickey Grabler Company, The

### SUBSIDIARIES:

#### Pioneer Software, Inc.

4239 W 105th St Terminal West Park Bldg  
Cleveland, OH 44135  
(216) 251-4900  
William Primrose, President  
Total Sales FYE 6/82: \$750,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

## Digicomp Research Corp.

Terrace Hill  
Ithaca, NY 14850  
(607) 273-5900

## Digicon Inc.

3701 Kirby Drive  
Houston, TX 77098  
(713) 526-5611  
Edward R. Prince Jr., President  
Public  
Total Sales FYE 7/84: \$160,585,000  
Cptr. Svcs. Revs. FYE 7/84: \$75,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Turnkey Systems

## Digidat Systems Inc.

7 Westchester Plaza  
Elmsford, NY 10523  
(914) 592-5334  
Stephen Tomback, President  
Private  
Total Sales FYE 11/81: \$500,000 Est.  
*Computer Services Offered:* • Processing

## Digital Business Systems, Inc.

95 Main St.  
Reading, MA 01867  
(617) 942-0220  
Joseph McGonagle, President  
Private

## Digital Datacom Inc.

See: Honeywell Inc.

## Digital Equipment Corporation

146 Main Street  
Maynard, MA 01754  
(617) 493-5350  
Kenneth H. Olsen, President  
Public  
Total Sales FYE 6/84: \$5,584,426,000  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

## Digital Information Systems Corporation (DISC)

3336 Bradshaw Road, Suite 340  
Sacramento, CA 95827  
(916) 363-7385  
Ken Lidster, President  
Private  
Total Sales FYE 12/84: \$1,500,000 Est.  
*Computer Services Offered:* • Software Products

## Digital Marketing Corporation

2363 Boulevard Circle  
Walnut Creek, CA 94595  
(415) 947-1000  
Robert W. Baker, President  
Private  
Total Sales FYE 10/83: \$2,000,000 Est.  
*Computer Services Offered:* • Software Products

## Digital Microsystems

1840 Embarcadero  
Oakland, CA 94611  
(415) 532-3686  
John Torode, President  
Private  
Total Sales FYE 3/81: \$9,900,000  
Cptr. Svcs. Revs. FYE 3/81: \$1,300,000  
*Computer Services Offered:* • Software Products

## Digital Research Inc.

160 Central Avenue  
Pacific Grove, CA 93950  
(408) 649-3896  
John R. Rowley, President  
Private  
Total Sales FYE 8/83: \$37,375,000 Est.  
*Computer Services Offered:* • Software Products

## Digital Resources International, Inc

### SUBSIDIARIES:

#### Digital Resources Corporation

5151 Mitchelldale Suite A10  
Houston, TX 77092  
(713) 688-8300  
Richard Murib, President  
Total Sales FYE 1/81: \$3,000,000 Est.  
*Computer Services Offered:* • Processing • Professional  
Services • Turnkey Systems

## Digital Resources Corporation

See: Digital Resources International, Inc

## Digital Solutions Inc.

100 Menlo Park  
Edison, NJ 08817  
(201) 549-1700  
Private

## Digital Systems of Florida, Inc.

See: UCCEL Corporation

## Digital Systems Inc.

See: Computer Resources Inc.

## Digitech Ltd.

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Digitech Systems**

300 441-5th Ave. S.W.  
Calgary, AB T2P2V  
(403)265-3484  
Don Simpson, General Manager

**Digitech Systems**

See: Digitech Ltd.

**Digitalgraph Computers Systems Co**

2070 N Forbes Rd PO Box 5907  
Tucson, AZ 85703  
(602)622-1006  
John Kaur, President  
*Computer Services Offered:* • Processing

**Dimension Systems Corp.**

9948 Hilbert St  
San Diego, CA 92131  
(619)693-8888  
*Computer Services Offered:* • Software Products • Turnkey Systems

**DIMIS, Inc.**

1806 Highway 35, PO Box 2293  
Ocean, NJ 07712  
(201) 531-2300  
Bentley J. Cooper, President  
Public  
Total Sales FYE 12/83: \$4,109,000  
*Computer Services Offered:* • Software Products • Turnkey Systems

**DIRECT, Incorporated**

4201 Burton Drive  
Santa Clara, CA 90554  
(408) 980-1414  
Ernest J. Porcelli, President  
Total Sales FYE 6/83: \$20,000,000  
Cptr. Svcs. Revs. FYE 6/83: \$6,000,000  
*Computer Services Offered:* • Turnkey Systems

**Directions Inc.**

See: Sterling Software, Inc.

**DISC/310 Corporation**

1840 Lincoln Blvd.  
Santa Monica, CA 90404  
(213) 451-8911

**DISC, Inc.**

See: AGS Computers Inc.

**Disco-Tech**

P.O. Box 11129  
Santa Rosa, CA 95406  
(707) 523-1600

**Dispersed Software Systems, Inc. (DSS)**

25 53rd Street  
Brooklyn, NY 11232  
(713) 492-0800  
Edward Friedman, President  
Private  
Total Sales FYE 8/84: \$750,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Display Data Corporation**

Executive Plaza IV  
Hunt Valley, MD 21031  
(301) 667-9211  
C. Victor Meyer, President  
Private  
Total Sales FYE 8/84: \$10,000,000 Est.  
*Computer Services Offered:* • Turnkey Systems

## SUBSIDIARIES:

**Dataline Corporation**

4 Danbury Road  
Wilton, CT 06897  
(203) 762-2473  
Hugh C. Bell, Chairman  
Total Sales FYE 6/83: \$7,023,000  
*Computer Services Offered:* • Turnkey Systems

**DISTEK**

## SUBSIDIARIES:

**Soft Core International, Inc.**

229 Huber Village Boulevard  
Westerville, OH 43081  
(614) 267-3109  
Jeff Coopersmith, President  
Private  
Total Sales FYE 12/83: \$250,000 Est.  
*Computer Services Offered:* • Software Products

**Distribution & Retail Systems Division**

See: Informatics General Corporation

**Distribution Management Systems, Inc.**

81 Hartwell Avenue  
Lexington, MA 02173  
(617) 863-5000  
James E. Grinnell, President and CEO  
Private  
Total Sales FYE 9/83: \$7,200,000  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Distribution Research Associates, Inc.**

See: Management Science America, Inc.

**Distribution Sciences Inc.**

1350 E. Touhy Ave. Ste. 300W  
Des Plaines, IL 60018  
(312)635-0200  
Stephen R. Smith, President  
Private  
Total Sales FYE 6/82: \$5,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products

**Distributive Network of America**

## SUBSIDIARIES:

**Actuarial Computer Technology Inc.**

6410 Rockledge Dr.  
Bethesda, MD 20034  
(301) 530-4400  
Maria R. Katz, President  
*Computer Services Offered:* • Processing • Software Products • Professional Services

## Directory of Computer Services Companies

**Distronics Corporation**

See: Western Union Corporation

**Diversified Computer Applications**

See: Information Management International

**Diversified Computer Systems**

PO Box 1098

Greely, CO

(303)356-2767

*Computer Services Offered:* • Software Products • Turnkey Systems**Diversified Data Processing & Consulting Inc.**

5353 N. Federal Hwy.

Fl. Lauderdale, FL 33308

(305) 772-0060

**Diversified Data Resources, Inc.**

25 Mitchell Blvd., Ste. 7

San Rafael, CA 94903

(415) 499-8870

*Computer Services Offered:* • Software Products**Diversified Data Systems Inc.**

2601 N. Fairview Avenue

Tucson, AZ 85705

(602) 792-3250

Donald W. Wyatt, President

Private

Total Sales FYE 12/84: \$1,000,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems**Diversified Software Systems Inc. (DSSI)**

966 Minnesota Ave, Ste 205

San Jose, CA 95125

(408)998-0414

**Diversified Systems, Inc.***Acquired/Merged With:* Computer Task Group, Inc.**Documan Software**

P.O. Box 387

Kalamazoo, MI 49005

(616) 344-0805

**Donovan Data Systems Inc.**

666 Fifth Avenue

New York, NY 10019

(212) 586-0055

Private

**DOSE Pharmacy Systems**

1645 Dorchester

Plano, TX 75074

(214)596-2105

George Brooks, President

Private

Total Sales FYE 10/81: \$1,000,000 Est.

*Computer Services Offered:* • Software Products • Turnkey Systems**Dow Jones & Company, Inc.**

P.O. Box 300

New York, NY 10007

(609) 452-2000

William L. Dunn, President and COO

Public

Total Sales FYE 12/83: \$78,640,000

*Computer Services Offered:* • Processing • Software Products

## DIVISIONS:

**Dow Jones Information Services Group**

PO Box 300

Princeton, NJ 08540

(609)452-2000

William L. Dunn, President

Cptr. Svcs. Revs. FYE 12/82: \$21,000,000 Est.

*Computer Services Offered:* • Processing • Software Products**Dow Jones News/Retrieval Service**

P.O. Box 300 PO Box 300

Princeton, NJ 08540

(609) 452-2000

William L. Dunn, President

*Computer Services Offered:* • Processing • Software Products**Dow Jones Information Services Group**

See: Dow Jones &amp; Company, Inc.

**Dow Jones News/Retrieval Service**

See: Dow Jones &amp; Company, Inc.

**Doyle Data Systems, Inc.**

740 North Plankinton

Milwaukee, WI 53203

(414) 271-5688

Jerry Doyle, President

Private

**Drafting Dynamics**

4615 Industrial Ave

Simi Valley, CA 93063

*Computer Services Offered:* • Turnkey Systems**Dubuque Data Services**

840 Dubuque Building

Dubuque, IA 52001

(319) 557-7300

Glen J. Callahan, President

Private

Total Sales FYE 6/81: \$1,200,000 Est.

*Computer Services Offered:* • Processing • Software Products • Turnkey Systems**Dun & Bradstreet Computer Software and Services Group**

See: Dun and Bradstreet

**Dun and Bradstreet**

299 Park Avenue

New York, NY 10017

(212) 593-6800

Harrington Drake, Chairman and CEO

Public

Total Sales FYE 12/83: \$168,000,000

Cptr. Svcs. Revs. FYE 12/83: \$157,000,000 Est.

*Computer Services Offered:* • Processing • Software Products

## Directory of Computer Services Companies

**Dun & Bradstreet Computer Software and Services Group**

## SUBSIDIARIES:

**D & B Computing Services, Inc.**

187 Danbury Road  
Wilton, CT 06897  
(203) 762-2511  
David S. Fehr, President  
*Computer Services Offered:* • Processing • Software Products

**DunsPlus, Inc.**

187 Danbury Road  
Wilton, CT 06897  
(203) 762-2511  
Thomas J. Niehaus, General Manager  
*Computer Services Offered:* • Turnkey Systems

**McCormack & Dodge Corporation**

560 Hillside Avenue  
Needham Heights, MA 02194  
(617) 449-4012  
Frank H. Dodge, President  
*Computer Services Offered:* • Software Products

**TSI International Ltd.**

50 Washington St.  
Norwalk, CT 06854  
(203) 853-2885  
Edward J. Watson, President  
*Computer Services Offered:* • Software Products

**Zytron Corporation**

2200 Sand Hill Road  
Menlo Park, CA 94026  
(415) 854-2306  
Richard P. Hoberg, President  
*Computer Services Offered:* • Processing

**Nielsen, A.C. Company**

Nielsen Plaza  
Northbrook, IL 60062  
(312) 498-6300  
N.E. Harden, President  
Total Sales FYE 8/83: \$680,262,000  
Cptr. Svcs. Revs. FYE 8/83: \$110,000,000  
*Computer Services Offered:* • Processing

## SUBSIDIARIES:

**Compucon, Inc.**

251 West Renner Road,  
Richardson, TX 75080  
(214) 680-1000  
Philip Lindley, President  
*Computer Services Offered:* • Software Products • Professional Services

**Neodata Services**

1255 Portland Place  
Boulder, CO 80302  
(303) 442-4282  
Kurt J. Burghardt, President  
*Computer Services Offered:* • Processing

## SUBSIDIARIES:

**Petroleum Information Corporation**

4100 E. Dry Creek Road  
Littleton, CO 80122  
(303) 740-7100  
William C. Goodwin, Chairman  
*Computer Services Offered:* • Processing

**DunsPlus, Inc.**

*See: Dun and Bradstreet*

**Duquesne Systems Inc.**

2 Allegheny Center, Ste 622  
Pittsburgh, PA 15212  
(412) 323-2600  
Glen F. Chatfield, President  
Private  
Total Sales FYE 9/83: \$4,000,000 Est.  
*Computer Services Offered:* • Software Products

**Dvorkovitz, Dr. & Associates**

P.O. Box 1748  
Ormond Beach, FL 32074  
(904) 677-7033  
*Computer Services Offered:* • Processing

**Dyad Computer Systems Inc.**

80 Bloor West  
Toronto, ON M5S 2  
(416) 967-6565

**Dyatron Corporation**

210 Automation Way  
Birmingham, AL 35201  
(205) 956-7500  
Charles E. Rueve, President and CEO  
Public  
Total Sales FYE 12/83: \$33,858,412  
Cptr. Svcs. Revs. FYE 12/83: \$26,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Dyer, Wells & Associates**

*See: Information Science Incorporated*

**Dylakor**

*See: Sterling Software, Inc.*

**Dynalelectron Corporation**

1313 Dolley Madison Blvd.  
McLean, VA 22101  
(703) 356-0480  
Charles G. Gullledge, President  
Public  
Total Sales FYE 12/83: \$538,541,000  
Cptr. Svcs. Revs. FYE 12/83: \$30,000,000 Est.  
*Computer Services Offered:* • Professional Services

**Dynamco Data Systems**

2639 Mahana Drive  
Dallas, TX 75220  
(214) 353-0918  
*Computer Services Offered:* • Software Products

**Dynamic Concepts, Inc.**

27122 El Moro  
Mission Viejo, CA 92691  
(714) 770-1191  
Douglas Chadwick, President

## Directory of Computer Services Companies

**Dynamic Control Corporation**

250 Bird Rd  
 Coral Gables, FL 33146  
 (305) 444-6524  
 David Pomerance, President  
 Private  
 Total Sales FYE 6/82: \$3,500,000 Est.  
*Computer Services Offered:* • Software Products

**Dynamic Data Processing Inc.**

7923 Eastern Avenue  
 Silver Spring, MD 20910  
 (301) 589-8950  
 Kenneth L. Brooks, President  
 Private  
 Total Sales FYE 9/81: \$4,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Dynamic Microprocessor Associates, Inc.**

545 Fifth Ave  
 New York, NY 10017  
 (212) 687-7115  
*Computer Services Offered:* • Software Products

**Dynamic Solutions, Inc.**

50 Lytton Avenue  
 Hartsdale, NY 10530  
 (914) 949-6058  
 Joseph Melhado, President  
 Private  
 Total Sales FYE 11/83: \$500,000 Est.  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Dynamicro Software Corp. (DSC)**

8388 Vickers Street  
 San Diego, CA 92111  
 (619) 571-5453  
 Russ Ries, President  
 Private  
 Total Sales FYE 10/82: \$2,000,000 Est.  
*Computer Services Offered:* • Software Products

**Dynamics Research Corporation**

60 Concord Street  
 Wilmington, MA 01887  
 (617) 658-6100  
 John S. Anderegg Jr., President and Chairman  
 Public  
 Total Sales FYE 12/83: \$43,663,000  
 Ctr. Svcs. Revs. FYE 12/83: \$31,356,000 Est.  
*Computer Services Offered:* • Processing • Professional Services

**Dynatech Corporation**

3 New England Executive Park  
 Burlington, MA 01803  
 (617) 272-3304

## SUBSIDIARIES:

**Utah Scientific**

2603 NE 17th Terrace P.O. Box 13382  
 Gainesville, FL 32601  
 (904) 378-1750  
 Charles Schultz, Jr., President

**Dynax Resources, Inc.**

44 Harbor Parks Dr.  
 Port Washington, NY 11050  
 (516) 484-1144  
 Elaine Schee, President  
 Private  
 Total Sales FYE 12/83: \$1,300,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**E/Soft Incorporated**

2150 Shattuck Avenue, Suite 801  
 Berkeley, CA 94704  
 (415) 644-0988  
 Earl Crabb, President  
 Private  
 Total Sales FYE 6/82: \$580,000  
*Computer Services Offered:* • Software Products • Professional Services

**EBS Data Processing Inc.**

5670 South Syracuse  
 Denver, CO 80217  
 (303) 773-1313  
 Harald R. Ochs, President  
 Public  
 Total Sales FYE 7/83: \$7,100,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**ECOM Associates, Inc.**

8634 Brown Deer Rd. W  
 Milwaukee, WI 53223  
 (414) 354-0243  
*Computer Services Offered:* • Software Products

**EDP Corporation, The**

30 Tower Road  
 Newton, MA 02164  
 (617) 964-3890  
 Stephen Levine, President  
 Private  
*Computer Services Offered:* • Software Products

**EDP Management, Inc.**

5465 Lake Murray Boulevard  
 La Mesa, CA 92041  
 (714) 462-5400  
 Charles E. Cox, President  
 Private

**EDP Services Company Inc.**

2930 West Imperial Highway Suite 512  
 Inglewood, CA 90303  
 (213) 757-4101  
 Richard Shaw, Sr., President  
 Private

**EDS Timesharing**

See: Center Fuel

**EEC Systems**

286 Boston Post Rd  
 Wayland, MA 01778  
 (617) 358-7781  
 Eric S. Dickman, President  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**EEOC Computer Inc.**

See: EEOC Incorporated



## Directory of Computer Services Companies

**EECO Incorporated**

## SUBSIDIARIES:

**EECO Computer Inc.**

1441 East Chestnut Avenue  
Santa Ana, CA 92701  
(714) 835-6000

Adolf Cosentino, President

Public

Cptr. Svcs. Revs. FYE 12/83: \$9,720,000

Computer Services Offered: • Turnkey Systems

**EFT and Data Services Division**

See: NCR Corporation

**EFT Data Services, Inc.**

See: Control Data Corporation

**ELS Systems Engineering**

See: PHUTZS Inc.

**EMA, Inc.**

270 Metro Square Bldg  
St. Paul, MN 55101

(612) 298-1992

Alan W. Manning, President

Private

Total Sales FYE 12/81: \$2,500,000

Computer Services Offered: • Software Products •

Professional Services

**ERCO**

See: Anacomp, Inc.

**ESE, Inc.**

222 N. Dearborn St.  
Chicago, IL 60601

(312) 431-6777

Private

Computer Services Offered: • Processing

**ESI**

P.O. Box 5617 1801 Gadsden St., S.  
Tallahassee, FL 32301

(904) 224-5182

David Murphy, President

Private

Total Sales FYE 9/81: \$1,200,000 Est.

Computer Services Offered: • Processing • Software

Products • Professional Services

**ESP Computer Services Inc.**

724 South Spring Street  
Los Angeles, CA 90014

(213) 628-9216

Edward T. Kam, President

Private

**ETA International, Inc.**

Seven Wells Avenue

Newton, MA 02159

(617) 527-8200

Thomas F. Meurer, President

Private

Total Sales FYE 1/84: \$2,500,000 Est.

Computer Services Offered: • Software Products •

Professional Services • Turnkey Systems

**Eagle Computing Corporation**

See: First National Bank of Midland

**Eagle Systems**

See: Computer Research, Inc.

**East-West Center**

1777 East West Dr.

Honolulu, HI 96848

(808) 944-7111

Lee-Jay Sho, President

**Eastern Airlines, Inc.**

Miami International Airport

Miami, FL 33148

(305) 873-2111

Frank Borman, President

Public

Total Sales FYE 6/84: \$10,000,000 Est.

Computer Services Offered: • Processing • Software

Products

**Eastern States Bankcard Associates**

4 Ohio Drive

Lake Success, NY 11042

(516) 488-1500

Roland Eppley, President

Private

Total Sales FYE 3/84: \$43,000,000

Computer Services Offered: • Processing

**Eaton-Kenway, Inc.**

310 S. Main, Suite 1400

Salt Lake City, UT 84101

(801) 532-2555

Kenneth A. Richins, President

Private

**Ecco Consulting, Inc.**

607 Washington Road

Pittsburgh, PA 15228

(412) 561-5509

Joseph C. Ott, President

Private

Computer Services Offered: • Software Products •

Professional Services • Turnkey Systems

**Econo Data, Inc.**

See: PMA Systems, Inc.

**Economic Information Systems Inc**

See: Control Data Corporation

**Economic Sciences Corporation**

2150 Shattuck Avenue

Berkeley, CA 94704

(415) 841-6869

B.F. Roberts, PH.D., President

Private

**Economic Technology Association (ETA)**

6120 Bristol Parkway

Culver City, CA 90230

(213) 670-6167

W. C. Johnson, President

Private

Computer Services Offered: • Software Products •

Professional Services

## Directory of Computer Services Companies

**Economy Company, The**

## SUBSIDIARIES:

**American Educational Computer Inc.**

2450 Embarcadero Way  
Palo Alto, CA 94303  
(415) 494-2021  
Thomas B. Garsh, President  
Public  
Total Sales FYE 12/83: \$736,509  
*Computer Services Offered:* • Software Products

**Edelman Systems, Inc.**

244 Peachtree Blvd. Suite 102  
Baton Rouge, LA 70806  
(504) 387-1441  
Dr. Edelman, President  
Private

**Edu-Ware Services, Inc.**

28035 Dorothy Dr. P.O. Box 22222  
Agoura, CA 91301  
(213)706-0661  
Steven Pederson, President  
Private  
Total Sales FYE 7/82: \$5,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Educational Management Services**

*Acquired By: McGraw-Hill, Inc.*

**Educational Methods, Inc.**

*See: Mid-American Investment*

**Edwards, J.D. & Company**

4949 South Syracuse Parkway, Suite 5500  
Denver, CO 80237  
(303) 773-3732  
Edward McVane, President  
Private  
Total Sales FYE 12/84: \$7,500,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Ehrhart Babic Associates**

## SUBSIDIARIES:

**Ehrhart Babic Data Services**

120 Route 9W  
Englewood Cliff, NJ 07632  
(201) 947-4747  
Robert Sargent, President

**Ehrhart Babic Data Services**

*See: Ehrhart Babic Associates*

**Election Computer Services Inc.**

575 Lexington Ave  
New York, NY 10022  
(212) 840-7644  
Don J. Martin, President  
Private

**Electro Scientific**

13900 Science Park Dr. NW  
Portland, OR 98974  
(503)641-4141

**Electro-Data Inc.**

1741 Summer St.  
Hammond, IN 46320  
(219) 932-6000

**Electrocon International, Inc.**

*See: Harris Corporation*

**Electron Information Systems**

5554 South Prince St.  
Littleton, CO 80120  
(303) 794-8716  
Tom Richards, President  
Private  
Total Sales FYE 12/81: \$2,500,000  
*Computer Services Offered:* • Processing • Professional Services

**Electronic Banking Systems**

1750 N Collins Ave  
Richardson, TX 75080  
(214)235-2165  
Tom Metz, President  
Private  
*Computer Services Offered:* • Professional Services

**Electronic Business Services**

219 North Encina Street P.O. Box 368  
Visalia, CA 93277  
(209) 732-8601  
J.C. Crawford, Vice President  
Private

**Electronic Calculus Inc.**

468 Park Avenue South  
New York, NY 10016  
(209) 732-8601  
George Kastro, President  
Private

**Electronic Data Systems Corporation**

*See: General Motors*

**Electronic Office Software**

3819 West 9th  
Overland Park, KS 66206  
(913) 381-7176  
*Computer Services Offered:* • Software Products

**Electronic Processors Ltd.**

1225 5th Avenue, North  
Birmingham, AL 35203  
(205) 325-3939  
Robert A. Altman, President  
Private

## Directory of Computer Services Companies

### Electronic Systems Inc.

7645 Production Drive  
Cincinnati, OH 45237  
(513) 761-5610  
A.L. Schneider, President  
Private

### Electronic Tabulating Corporation

1100 Union Avenue P.O. Box 728  
Newburgh, NY 12550  
(914) 564-6000  
Walter Rhulen, President  
Public  
Total Sales FYE 12/82: \$6,025,396  
Cptr. Svcs. Revs. FYE 12/82: \$5,921,000  
*Computer Services Offered:* • Processing • Software  
Products • Turnkey Systems

### Electronic Tabulating Service Inc.

300 Ivy Street NE  
Atlanta, GA 30301  
(404) 688-8411  
Dick Kreinst, President  
Private

### Elke Corporation

998 Zane Avenue North  
Golden Valley, MN 55422  
(612) 546-1779  
Robert Nelson, President  
Private  
Total Sales FYE 7/81: \$500,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

### Embassy Institute, The

901 Washington St.  
Wilmington, DE 19801  
(302) 654-6688  
John J. Murdock, Director  
Private  
Total Sales FYE 7/81: \$600,000 Est.  
*Computer Services Offered:* • Software Products

### Empire Computer Software

See: Sterling Software, Inc.

### Empire Cybernetic Associates

58-75 Queens Midtown Expwy  
Maspeth, NY 11378  
(212) 682-5460  
Robert Schoolskey, General Director  
Private

### Employee Communication Services Inc.

757 Third Ave  
New York, NY 10017  
(212) 758-6966  
Edward T. McCaffrey, President  
Private  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

### Employer's Insurance Of Wausau

2000 Westwood Drive  
Wausau, WI 54401  
(715) 847-8837

### SUBSIDIARIES:

#### Management Systems Of Wausau, Inc.

P. O. Box 1000  
Wausau, WI 54401  
(715) 842-6941  
T. A. Mack, President  
Total Sales FYE 12/84: \$18,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Turnkey Systems

### Encomp Systems, Limited

50 Union Avenue  
Irvington, NJ 07111  
(201) 399-9000  
Robert F. Melworm, PH.D., President  
Private

### Endata, Inc.

50 Vantage Way  
Nashville, TN 37228  
(615) 244-0244  
Douglas C. Altenbern, Chairman and President  
Public  
Total Sales FYE 12/83: \$36,423,000  
*Computer Services Offered:* • Processing • Software  
Products • Turnkey Systems

### Energy Analysts Inc

2203 Century Circle  
Irving, TX 75062  
(214) 438-6660  
Melvan Carter, President  
*Computer Services Offered:* • Processing

### Energy Enterprises of Denver

Merged with General Electric Information Services  
Company

### Energy-Tek Software

64 South St  
Albany, NY 13152  
(315) 685-8313  
*Computer Services Offered:* • Software Products

### Energy, Inc.

One Energy Drive  
Idaho Falls, ID 83401  
(208) 529-1000  
William V. Botts, President  
Private  
Total Sales FYE 9/83: \$23,350,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

### Enertec Inc.

19 Jenkins Avenue  
Lansdale, PA 19446  
(215) 362-0966  
Richard C. Whiffen, President  
Private  
Total Sales FYE 9/81: \$600,000  
*Computer Services Offered:* • Processing • Software  
Products

### Engineered Products Computer Systems Group

P.O. Box 6767  
Greenville, SC 29606  
(803) 962-7951

# Directory of Computer Services Companies

## Engineering Interface Ltd.

2 Shepard Ave. East Suite 200  
Willowdale, ON  
(416) 226-6565  
R.T. Temblin, President  
Private

## Engineering Systems Companies

2813 Akino Court  
San Jose, CA 95122  
(408) 274-2627  
Jerry Perko, Proprietor  
Private

## Engineering Systems Corporation

1801 Staring Lane Suite 103  
Baton Rouge, LA 70808  
(504) 769-2226  
Michael D. Clotiaux, President  
Private  
Total Sales FYE 6/81: \$500,000 Est.  
*Computer Services Offered:* • Software Products • Turnkey Systems

## Engineering Systems Research Co. (ESR)

P.O. Box 104, Route 1  
Toivola, MI 49965  
(906) 288-3456  
Ted Johnson, President  
Private

## Enhansys Inc.

20111 Stevens Creek Boulevard  
Cupertino, CA 95014  
(408) 255-2920  
A.J. Moyer, President  
Private  
*Computer Services Offered:* • Software Products • Professional Services

## Enterprise Computer Systems

815 South Main St.  
Jacksonville, FL 32207  
(904) 399-3899  
Bruce Franklin, President  
Private  
Total Sales FYE 12/81: \$875,000 Est.  
*Computer Services Offered:* • Software Products

## Enterprise Technology Corp.

305 Madison Ave.  
New York, NY 10165  
(212) 972-1860  
Kevin Merz, President  
Private

## Environmental Systems Research Institute

380 New York Street  
Redlands, CA 92373  
(714) 793-2853  
Jack Dangermond, President  
Private  
Total Sales FYE 7/82: \$3,500,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

## Envoy Corporation

Highland Ridge Office Center, 565 Marriott Drive  
Nashville, TN 37210  
(615) 885-3700  
Robert W. Whitney, President  
Private  
*Computer Services Offered:* • Processing

## Epic Computer Products Inc.

18381 Bandler Circle  
Fountain Valley, CA 92708  
(714) 963-7898  
*Computer Services Offered:* • Software Products • Turnkey Systems

## Epsilon Data Management, Inc.

One New England Executive Park  
Burlington, MA 01803  
(617) 273-0250  
Thomas O. Jones, Chairman and President  
Public  
Total Sales FYE 5/84: \$40,311,000  
*Computer Services Offered:* • Processing

## Equifax Inc.

1600 Peachtree Street, N.W., P.O. Box 4081  
Atlanta, GA 30309  
(404) 885-8000  
J. V. White, President and CEO  
Public  
Total Sales FYE 12/83: \$475,319,000  
Cptr. Svcs. Revs. FYE 12/83: \$145,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

## SUBSIDIARIES:

### Credit Bureau Inc. of Georgia

PO Box 4091  
Atlanta, GA 30302  
(404) 885-8000  
*Computer Services Offered:* • Processing

### Equifax Services Inc.

1600 Peach Tree St. NW  
Atlanta, GA 30309  
(404) 885-8000  
Ralph N. Jones, President

### Equifax Services Inc.

See: Equifax Inc.

### Equitable Trust Bank

320 Main St.  
Laurel, MD 20810  
(301) 547-4000  
*Computer Services Offered:* • Processing

### Erisco Inc.

See: Thomas National Group, Inc., The

## Directory of Computer Services Companies

**Ernst & Whinney**

1300 Union Commerce Bldg.  
Cleveland, OH 44115  
(216)861-5000

Private  
Total Sales FYE 9/82: \$900,000,000  
Cptr. Svcs. Revs. FYE 9/82: \$22,000,000  
Computer Services Offered: • Software Products • Professional Services

**Escom, Inc.**

See: Anacom, Inc.

**Essex Corporation**

333 North Fairfax Street  
Alexandria, VA 22314  
(703) 548-4500  
Frank E. Manning, President

Public  
Total Sales FYE 12/83: \$19,879,989  
Cptr. Svcs. Revs. FYE 12/83: \$1,200,000 Est.  
Computer Services Offered: • Processing • Professional Services • Turnkey Systems

**Estimating Systems, Inc.****Evaluation Planning Systems International, Inc. (EPS)**

See: Evaluation Planning Systems Ltd. (EPS)

**Evaluation Planning Systems Ltd. (EPS)**

## SUBSIDIARIES:

**Evaluation Planning Systems International, Inc. (EPS)**

1 Industrial Way  
Windham, NH 03087  
(603) 898-1800  
Chris Carter, President

Private  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Evans & Sutherland**

580 Arapsee Drive, PO Box 8700  
Salt Lake City, UT 84108  
(801) 582-5847  
David C. Evans, Chairman and President

Public  
Total Sales FYE 12/83: \$60,584,815  
Cptr. Svcs. Revs. FYE 12/83: \$4,000,000 Est.  
Computer Services Offered: • Software Products

**Evans, Griffiths & Hart, Inc.**

55 Waltham Street  
Lexington, MA 02173  
(617) 861-0670  
Thomas G. Evans, PH.D., President

Private  
Computer Services Offered: • Software Products • Professional Services

**Evansville Data Processing Corporation**

1010 S. Weinbach Avenue  
Evansville, IN 47714  
(812) 479-6951  
Nathan Lieberman, President

Private

**Evergreen Geophysical Associates Inc**

PO Box 880  
Evergreen, CO 80439  
(303)674-6677

A. E. Dufford, President  
Computer Services Offered: • Processing

**Exact Systems & Programming Corporation**

1 Labriola Ct  
Armonck, NY 10504  
(914)273-8100  
Hank Oswald, President

**Exchange National Bank**

## SUBSIDIARIES:

**Exchange Service Management Corporation**

Lasalle at Monroe & Adams  
Chicago, IL 60603  
(312)781-8079

Charles S. Bishop Jr, President  
Computer Services Offered: • Professional Services

**Exchange Service Management Corporation**

See: Exchange National Bank

**EXECUCOM Systems Corporation**

See: Continental Telecom Inc.

**Executec Corporation**

12200 Park Central Dr Ste 470  
Dallas, TX 75251  
(214)239-8080  
Ken Parker, President

Private  
Total Sales FYE 12/82: \$1,200,000 Est.  
Computer Services Offered: • Software Products

**Executive Compumetrics, Inc.**

14810 South Cicero Avenue, Suite 1A  
Oak Forest, IL 60452  
(312) 687-1150

Stephen A. Gierach, President  
Private  
Total Sales FYE 12/83: \$750,000 Est.  
Computer Services Offered: • Software Products • Professional Services

**Executive Systems, Inc.**

See: American Management Systems, Inc.

**Executive Technology Data Systems (ETDS)**

28104 Orchard Lake Rd, Ste 108  
Farmington Hills, MI 48018  
(313)626-0770

William M. Marker, President  
Private  
Total Sales FYE 9/82: \$1,000,000 Est.  
Computer Services Offered: • Software Products • Turnkey Systems

## Directory of Computer Services Companies

**Exeter Software Limited**

160 Turnpike Road  
Chelmsford, MA 01824  
(617) 250-1274  
James Cormier, President

Private

Total Sales FYE 12/83: \$1,500,000 Est.

Computer Services Offered: • Professional Services

**Exploration Processing Corp.**

International Trade Center 2525 Murworth, Ste 122  
Houston, TX 77054  
(713) 661-4901  
F.B. Calhoun, President

Computer Services Offered: • Processing

**Explorer Seismic Services**

10067 Timberoak  
Houston, TX 77080  
(713) 464-5423  
Rafael Cruz, President

Computer Services Offered: • Processing

**Express Software**

125 Jericho Turnpike  
Jericho, NY 11753  
(516) 333-6733

Computer Services Offered: • Processing

**F.A.C.S.**

26600 Telegraph Rd, Ste 204  
South Field, MI 48034  
(313) 358-5455

Douglas Christensen, President

Computer Services Offered: • Processing • Professional Services

**FBC, Inc.**

See: Bank Of Boston Corporation

**FBM Systems Inc.**

1930 McKinney Ave.  
Dallas, TX 75201  
(214) 741-6785

Computer Services Offered: • Processing • Software Products

**FS Service Inc.**

1701 Towanda Avenue  
Bloomington, IL 61701  
(309) 828-0021  
Melvin Sims, President

Private

**FTD Florists****SUBSIDIARIES:****Floral Network, Inc.**

165 North Canal St.  
Chicago, IL 60606  
(312) 930-2000  
Bob Poirier, Manager

**FTW Associates, Inc.**

120 Wall St.  
New York, NY 10005  
(212) 344-4097

Computer Services Offered: • Software Products

**Facilities Management Services**

601 N. Magnolia Ave. P.O. Box 8277  
Orlando, FL 32856  
(305) 422-5880

**Factory Systems**

See: Rolfe Associates Inc.

**Fair, Isaac Companies**

55 Mitchell Blvd  
San Raphael, CA 94903  
(415) 472-2211  
William R. Fair, President

Private

Total Sales FYE 9/82: \$9,000,000 Est.

Computer Services Offered: • Professional Services

**Fairfield Data Processing**

See: Fairfield Industries, Inc.

**Fairfield Industries, Inc.****DIVISIONS:****Fairfield Data Processing**

PO Box 42154  
Houston, TX 77042  
(713) 981-8181

John G. Wearing, Manager

Computer Services Offered: • Processing

**Fall, J.R. & Company Company**

16776 Bernardo Center Drive, Suite 203  
San Diego, CA 92128  
(619) 487-2232

John R. Fall, President

Private

Total Sales FYE 12/83: \$250,000 Est.

Computer Services Offered: • Professional Services

**Far West Systems, Inc.**

2044 Armacost Avenue  
Los Angeles, CA 90025  
(213) 207-2936

Irwin Mainster, President

Private

Total Sales FYE 7/82: \$2,400,000

Computer Services Offered: • Processing • Software Products

**FAST-TAX**

Name changed to: Computer Language Research

**Faxon Company, The**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Scribe Data Systems**

222 Third Street  
Cambridge, MA 02142  
(617) 491-5553  
Kevin Sheehan, General Manager  
Total Sales FYE 3/84: \$1,000,000 Est.  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Federal Data Corp.**

4601 North Park Ave  
Chevy Chase, MD 20815  
(301)986-0800  
Bob Hanley, President  
Private  
*Computer Services Offered:* • Professional Services • Turnkey Systems

**Federal Electric Corporation**

See: ITT

**Federal Equity Evaluation**

1775 Broadway  
New York, NY 10019  
(212) 246-3885  
Ronald Kane, President  
Private

**Fein-Marquart Associates Inc.**

7215 York Road  
Baltimore, MD 21212  
(301) 821-5980  
Alvin E. Fein, PH.D., President  
Private

**Ferox Microsystems, Inc.**

1701 North Ft. Meyer Dr. Suite 611  
Arlington, VA 22209  
(703)841-0800  
Russel C. Lühring, President  
Private  
Total Sales FYE 7/82: \$500,000  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Fidler Bateman**

4232 N. Brandywine Dr  
Peoria, IL 61614  
(309)691-4333  
Cliff Bateman, President  
Private  
Total Sales FYE 7/81: \$2,000,000 Est.  
*Computer Services Offered:* • Processing • Turnkey Systems

**Fiduciary Processing, Inc.**

30 East 60th Street  
New York, NY 10022  
(212) 535-3564  
Howard F. Beir, President and Chairman  
Private  
Total Sales FYE 12/84: \$2,500,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Fields Financial Services**

See: Kaneb Services, Inc.

**Figgie International**

## SUBSIDIARIES:

**Figgie Systems Management Group, Inc.**

4420 Sherwin Road  
Willoughby, OH 44094  
(216) 946-9000  
Walter J. Hayes, President  
Cptr. Svcs. Revs. FYE 12/83: \$5,500,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Figgie Systems Management Group, Inc.**

See: Figgie International

**Filchris Corporation**

## SUBSIDIARIES:

**SPAN Management Systems**

Westminster Industrial Park 1 Catamore Blvd.  
East Providence, RI 02914  
(401) 438-1115  
David Allen, President

**Financial Data Services**

1430 Truxton Avenue, Ste. 535  
Bakersfield, CA 93389  
(805) 324-6437  
Bret Myers, Partner  
Total Sales FYE 12/82: \$110,000 Est.  
*Computer Services Offered:* • Software Products

**Financial Data Systems, Inc.**

See: Citicorp

**Financial Decisions Systems, Inc.**

2835 Dorothy Drive  
Agoura, CA 91301  
(213)706-2000  
Warren Richard, President  
Private  
Total Sales FYE 3/83: \$2,500,000  
*Computer Services Offered:* • Processing • Software Products

**Financial Industry Consultants Inc.**

244 Goodwin Crest Dr. Suite 218  
Birmingham, AL 35209  
(205) 942-6707  
C.W. Russell, President  
Private

**Financial Institution Services, Inc.**

49 Music Square West  
Nashville, TN 37203  
(615) 329-2400  
Henry C. McCall, President  
Public  
Total Sales FYE 3/83: \$37,192,000  
Cptr. Svcs. Revs. FYE 3/83: \$1,227,336  
*Computer Services Offered:* • Processing • Software Products

**Financial Interstate Services**

617 Main Ave PO Box 15003  
Knoxville, TN 37901  
(615)637-2035  
Tom Sudman, President  
Private  
*Computer Services Offered:* • Processing



## Directory of Computer Services Companies

**Financial Management Associates**

690 Saratoga Ave.  
San Jose, CA 95129  
(408) 377-0324  
Bill Ogden, Vice President

**Financial Network Architects, Inc.**

11030 Roselle St. Ste D  
San Diego, CA 92121  
(714) 455-7086  
Robert F. Finley, President  
Private

**Financial Services, Inc.**

175 Rock Road  
Glen Rock, NJ 07452  
(201) 652-6000  
John Schunke, President  
Private  
Total Sales FYE 6/83: \$7,000,000 Est.  
Computer Services Offered: • Processing

**Financial Software Inc.**

2200 North Lake Parkway  
Atlanta, GA 30034  
(404) 491-3300  
Edward Allen, President  
Private  
Total Sales FYE 12/82: \$2,400,000  
Computer Services Offered: • Software Products

**Financial Software of America**

*Acquired/Merged: University Computing Company*

**Financial Systems Consultants**

See: Indiana Bank and Trust

**Financial Systems, Inc.**

See: Harris Technology Group, Inc.

**Finpac Corporation**

Windsor & Forrest Avenues  
Narberth, PA 19072  
(215) 667-6100  
J. Raezer, President  
Private

**FinReport Systems, Inc.**

*Acquired/Merged: Amherst Associates, Inc.*

**Finserv Computer Corporation**

1462 Erie Blvd.  
Schenectady, NY 12305  
(518) 374-4430  
Creighton Britnell, President  
Private  
Total Sales FYE 12/81: \$5,700,000  
Cptr. Svcs. Revs. FYE 12/81: \$3,700,000  
Computer Services Offered: • Processing • Software Products

**Fireman's Fund Insurance Co.**

See: American Express Company

**First Bank & Trust Company**

5300 Crawfordsville Road  
Indianapolis, IN 46224  
(317) 241-2361

**First Bank System, Inc.**

1200 First Bank Place East  
Minneapolis, MN 55480  
(612) 370-5157  
George H. Dixon, President  
Public

## SUBSIDIARIES:

**First Computer Corporation**

332 Minnesota Street  
St. Paul, MN 55101  
(612) 291-5877  
Delroy R. Hayunga, President  
Public  
Total Sales FYE 12/83: \$41,019,000  
Computer Services Offered: • Processing

**First Chicago Corporation**

## SUBSIDIARIES:

**Contrac Inc.**

6606 Single Tree Dr.  
Worthington, OH 43229  
(614) 436-0850  
Robert Aronson, President  
Private  
Total Sales FYE 6/83: \$10,000,000 Est.  
Computer Services Offered: • Processing

**First Chicago Data Corporation**

443 North Wabash Avenue  
Chicago, IL 60611  
(312) 923-7200

**First Chicago Data Corporation**

See: First Chicago Corporation

**First City National Bank Of Houston**

## SUBSIDIARIES:

**First City Services Company**

1111 Fannin Street  
Houston, TX 77001  
(713) 658-6340  
Hugh Barrett, President  
Total Sales FYE 12/83: \$32,000,000  
Computer Services Offered: • Processing

**First City Services Company**

See: First City National Bank Of Houston

**First Computer Corp.**

825 N. Cass Ave.  
Westmont, IL 60559  
(312) 920-1050  
Jerome A. Martin, President  
Private

## Directory of Computer Services Companies

### First Computer Corporation

See: First Bank System, Inc.

### First Computer Services, Inc.

See: First Union Corporation

### First Data Management Company, Inc.

120 North Robinson  
Oklahoma City, OK 73125  
(405) 272-4090

Gary D. Bunch, Chairman

Public

Total Sales FYE 12/83: \$29,042,699

Cptr. Svcs. Revs. FYE 12/83: \$23,960,513

Computer Services Offered: • Processing • Professional Services

### First Data Resources, Inc.

10805 South Old Mill Road  
Omaha, NE 68154

(402) 399-7000

Robert E. Masterson, President

Public

Total Sales FYE 12/83: \$148,564,000

Computer Services Offered: • Processing

### First Financial Management Corporation

2695 Buford Highway, Northeast  
Atlanta, GA 30324  
(404) 325-9715

Patrick H. Thomas, President and CEO

Public

Total Sales FYE 12/83: \$24,002,000

Cptr. Svcs. Revs. FYE 12/83: \$19,378,000

Computer Services Offered: • Processing

### First National Bank of Midland

#### DIVISIONS:

#### Eagle Computing Corporation

300 West Missouri P.O. Box 1599  
Midland, TX 79701  
(915) 685-2190

Ray Kendall, President

Total Sales FYE 12/82: \$4,772,000

Cptr. Svcs. Revs. FYE 12/82: \$4,772,000

Computer Services Offered: • Processing

### First Security Bank of Beaumont

#### SUBSIDIARIES:

#### First Security Financial Systems, Inc.

P.O. Box 3391  
Beaumont, TX 33304  
(713) 838-9406

Frank Smeal, President

Private

#### First Security Financial Systems, Inc.

See: First Security Bank of Beaumont

### First Systems Corp.

865 Manhattan Beach Blvd.  
Manhattan Beach, CA 90266  
(213) 546-5581

Computer Services Offered: • Software Products

### First Union Corporation

First Union Plaza  
Charlotte, NC 28288  
(704) 374-6565

#### SUBSIDIARIES:

#### First Computer Services, Inc.

1st Union Tower  
Charlotte, NC 28288  
(704) 374-6614

Willis R. Rhodes, President

Computer Services Offered: • Processing

### Fishbach, McCoach & Associates Inc.

30 East 42nd Street, Suite 808  
New York, NY 10017  
(212) 682-5696

Joseph W. Fishbach, President

### Fisher-Stevens Inc.

120 Brighton Rd.  
Clifton, NJ 07012  
(201) 471-4000

Private

### Fits System Inc.

1 Red Oak Lane  
White Plains, NY 10604  
(914) 694-1554

Brian J. Fitzpatrick, President

Private

### Five Technologies, Inc.

172 Broadway, Building Two  
Woodcliff Lake, NJ 07675  
(201) 930-1020

Tyron S. Tyler, President

Private

Total Sales FYE 12/84: \$2,000,000 Est.

Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

### Flagship Banks Inc.

#### SUBSIDIARIES:

#### Flagship Services Corporation

P.O. Box 23300  
Tampa, FL 33623  
(813) 885-9111  
Forrest Waddle, President

#### Flagship Services Corporation

See: Flagship Banks Inc.

### Fleet Financial Group Corporation

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Fleet Information, Inc.**

125 Dupont Drive  
Providence, RI 02907  
(401) 278-5900  
Albert C. Patterson, IV, President  
Public  
Cptr. Svcs. Revs. FYE 12/83: \$2,405,000  
*Computer Services Offered:* • Processing

**Fleet Information, Inc.**

*See:* Fleet Financial Group Corporation

**Fleet Management Systems, Inc.**

*See:* Public Technology, Inc.

**Floral Network, Inc.**

*See:* FTD Florists

**Flores Associates**

108 8th Avenue  
Brooklyn, NY 11215  
(212) 789-1312  
Ivan Flores, President  
Private

**Florida Software Services, Inc.**

*See:* Kirchner Corporation

**Florida State University Computing Center**

Florida State University  
Tallahassee, FL 32306  
(904) 644-2764  
J. J. Stephens, Acting Director

Private

*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**Flow General, Inc.**

7655 Old Springhouse Rd.  
Melcan, VA 22102  
(703) 895-5915

Grant Ehrlich, President

Public

Total Sales FYE 6/83: \$150,000,000  
Cptr. Svcs. Revs. FYE 6/83: \$7,500,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**Foothill Associates, Inc.**

1730 North Euclid Avenue  
Upland, CA 91786  
(714) 982-0666  
Art Mollet, President

Private

Total Sales FYE 2/84: \$500,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**Ford & Associates, Inc.**

133 Center St PO Box 402  
Grayslake, IL 60030  
(312) 223-2291

Kenneth G. Ford, President

Private

Total Sales FYE 11/82: \$250,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**Foresight, Inc.**

2741 North 29th Ave. Suite 212  
Hollywood, FL 33020  
(305) 920-9604  
William Bennett, President

Private

Total Sales FYE 3/81: \$1,000,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Forest Computer Inc.**

238 West Saginaw, Suite 204  
East Lansing, MI 48823  
(517) 332-7777

*Computer Services Offered:* • Software Products

**Forest Lawn Company**

## SUBSIDIARIES:

**Metropolitan Computer Center**

1600 S. Glendale Avenue P. O. Box 1500  
Glendale, CA 91209  
(213) 258-2711  
Philip Freeman, Manager

**Foretax**

*Acquired/Merged With:* Information Systems Of America

**Formation Inc.**

823 East Gate Drive  
Mt. Laurel, NJ 08057  
(609) 234-5020

**Formula Consultants, Inc.**

P.O. Box 544  
Anaheim, CA 92805  
(714) 778-1738

Joe Dale, President

Private

**FORTH, Inc.**

2309 Pacific Coast Highway  
Hermosa Beach, CA 90254  
(213) 372-8493

Elizabeth D. Rather, President

Private

Total Sales FYE 6/84: \$1,000,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Fortune Systems Corporation**

101 Twin Dolphin Drive  
Redwood City, CA 94065  
(415) 595-8444

James S. Campbell, Chairman and President

Public

Total Sales FYE 12/83: \$20,767,000  
Cptr. Svcs. Revs. FYE 12/83: \$3,900,000 Est.  
*Computer Services Offered:* • Turnkey Systems

**Four-Way Systems**

380 S. Schmale St.  
Carol Stream, IL 60187  
(312) 690-6300

Raymond Dalton, President

Private

## Directory of Computer Services Companies

**Fox & Geller, Inc.**

604 Market Street  
 Elmwood Park, NJ 07407  
 (201) 794-8883  
 Peter Caspersen, CEO

Private

Total Sales FYE 4/83: \$3,000,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Frankel Engineering Laboratories, Inc.**

125 S. Fifth Street  
 Reading, PA 19603  
 (215) 373-5205  
 Samuel Frankel, President

Private

**Franklin Institute Research Laboratories, The**

20th & Race St.  
 Philadelphia, PA 19103  
 (215) 448-1556

**Frey Associates, Inc.**

Chestnut Hill Rd.  
 Amherst, NH 03031  
 (603) 627-1123

Private

Total Sales FYE 12/82: \$3,600,000

*Computer Services Offered:* • Professional Services • Turnkey Systems

**SUBSIDIARIES:****Frey Federal Systems Corporation**

8115 Old Dominion Dr.  
 McLean, VA 22102  
 (703) 821-8920

Eric D. Frey, President

*Computer Services Offered:* • Professional Services

**Frey Federal Systems Corporation**

*See:* Frey Associates, Inc.

**Frey, Donald R. & Co.**

880 Alexandria Pike  
 Fort Thomas, KY 41075  
 (606) 441-6566

Donald Frey, President

Private

*Computer Services Offered:* • Software Products • Professional Services

**Freyburg Systems Associates Inc.**

20 Exchange Place  
 New York, NY 10005  
 (212) 425-0650  
 Richard Thurber, President

**Friends Software**

Tioga Building, Ste 440 PO Box 527  
 Berkeley, CA 94701  
 (415) 540-7282

*Computer Services Offered:* • Software Products

**Friesen International, Inc.**

*See:* American Medical International Inc.

**Frontier Management Systems**

214 Harvard Ave.  
 Allston, MA 02134  
 (617) 734-2070  
 Edward Katzenberg, President

**Fulton Data Systems**

*See:* Fulton National Bank

**Fulton National Bank****DIVISIONS:****Fulton Data Systems**

55 Marietta Street  
 Atlanta, GA 30302  
 (404) 529-4111  
 Gordon Jones, President

**FundsNet, Inc.**

385 Nordhoff Place  
 Englewood, NJ 07631  
 (201) 569-7764  
 Kenneth Payne, President

Public

Total Sales FYE 12/83: \$9,473,000

*Computer Services Offered:* • Processing

**Fusion Products International**

900 Larkspur L.C., Suite 295  
 Larkspur, CA 94939  
 (415) 461-4760  
 Chris Herron, President

Private

Total Sales FYE 12/83: \$1,500,000 Est.

*Computer Services Offered:* • Software Products

**FutureNet Corporation**

*Acquired/Merged:* Data I/O Corporation

**GAI California, Inc.**

*See:* Galler Group, The

**GMA Software**

2946 North Merrimac Avenue  
 Chicago, IL 60634  
 (312) 889-3050  
 George Milam, President

Private

**GMD Systems International Inc.**

8601 Dunwoody Place  
 Atlanta, GA 30338  
 (404) 587-0934  
 Thomas L. Glaza, President

Private

Total Sales FYE 12/83: \$5,100,000

*Computer Services Offered:* • Software Products • Professional Services

**GSI-USA Inc.**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Transcomm Data Systems, Inc.**

1384 Old Freeport Road  
Pittsburgh, PA 15238  
(412) 963-6770  
Alex Burstein, President

*Computer Services Offered:* • Professional Services

**GT Software, Inc.**

4411 East Jones Bridge Road  
Norcross, GA 30092  
(404) 446-7999

Joe Ganem, President

Private

*Computer Services Offered:* • Software Products

## SUBSIDIARIES:

**Bridge, The**

199 California Drive  
Millbrae, CA 94030  
(415) 697-2730

Larry Rebeck, President

Total Sales FYE 3/83: \$800,000 Est.

*Computer Services Offered:* • Software Products

**GTE Corporation Electronics**

One Stamford Forum  
Stamford, CT 06904  
(203) 965-2000

Public

## SUBSIDIARIES:

**GTE Telenet Communications Corporation**

8229 Boone Boulevard  
Vienna, VA 22180  
(703) 442-1000

J. David Hann, President

Total Sales FYE 12/83: \$90,000,000 Est.

*Computer Services Offered:* • Processing

**GTE Telenet Communications Corporation**

See: GTE Corporation

**GTE Telenet Information Services, Inc.**

*Acquired/Merged with ADP Brokerage Services Division*

**GTECH Corporation**

101 Dyer Street  
Providence, RI 02903  
(401) 273-7700  
Guy Snowden, President

Public

Total Sales FYE 2/84: \$34,511,059

Cptr. Svcs. Revs. FYE 2/84: \$7,813,722

*Computer Services Offered:* • Professional Services •

Turnkey Systems

**Gains Systems Group**

2021 Spring Road  
Oak Brook, IL 60521  
(312) 325-9390

**Galler Automation Industries Inc.**

1000 Wilson Blvd., Ste. 2105  
Arlington, VA 22209  
(703) 525-9292

Jerry Galler, President

Private

Total Sales FYE 12/82: \$9,600,000

Cptr. Svcs. Revs. FYE 12/82: \$9,500,000

*Computer Services Offered:* • Software Products • Professional Services

**Galler Group, The**

1118 East Missouri  
Phoenix, AZ 85014  
(602) 277-5486

## SUBSIDIARIES:

**GAI California, Inc.**

23868 Hawthorne Blvd. Suite 201  
Torrance, CA 90505  
(213) 378-9422

*Computer Services Offered:* • Professional Services

**Galler Hospitality Systems Inc.**

520 South 52nd St., Ste. 209  
Tempe, AZ 85281  
(602) 968-1633

Robert Runge, Vice President

*Computer Services Offered:* • Turnkey Systems

**Micor-Net, Inc.**

520 S. 52ND St., Ste. 207  
Tempe, AZ 85281  
(602) 273-4260

Jack Byers, General Manager

*Computer Services Offered:* • Software Products

**Galler Hospitality Systems Inc.**

See: Galler Group, The

**Gamma Systems Services**

1027 5th Ave North  
St Petersburg, FL 33705  
(813) 822-6600

Fred W Green, Principal

Private

Total Sales FYE 12/81: \$1,000,000

*Computer Services Offered:* • Processing • Software Products • Professional Services

**Gamma Technology, Inc.**

2452 Embarcadero Way  
Palo Alto, CA 94303  
(415) 856-7421

Hank S. Magnuski, President

Private

Total Sales FYE 12/83: \$300,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services

**Gancom Inc.**

See: Gannett, Fleming, Corddry, & Carpenter

**Gannett, Fleming, Corddry, & Carpenter**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Gancom Inc.**

P.O. Box 1459  
Harrisburg, PA 17105  
(717) 763-7226  
J. Douglass Berry, President  
Private  
Total Sales FYE 12/81: \$4,400,000  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**Garies Engineering Petroleum Consultants, Inc.**

## SUBSIDIARIES:

**Petroleum Software, Inc.**

211 North Ervay Building  
Dallas, TX 75201  
(214) 744-0975  
Don Garies, President  
Total Sales FYE 3/82: \$1,000,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services

**Garner Venture Computing**

10590 West Office Suite 102  
Houston, TX 77042  
(713) 977-4646  
Charles Garner, President  
Private  
Total Sales FYE 7/83: \$1,500,000 Est.  
Computer Services Offered: • Processing • Professional  
Services

**Garrett Computing Systems Inc.**

1111 Republic Bank Tower  
Dallas, TX 75201  
(214) 741-1026  
John E. Garrett, President  
Private  
Total Sales FYE 6/81: \$1,250,000 Est.  
Computer Services Offered: • Software Products

**Gaylord Bros., Inc. Library Systems Division**

7272 Morgan Rd.  
Liverpool, NY 13088  
(315) 457-5070  
Marion Stafford, President  
Private

**Geac Canada Limited**

350 Steelcase Rd. West  
Markham, ON L3R1B  
(416) 495-0525

## DIVISIONS:

**Geac, Inc.**

6300 Variel Avenue  
Woodland Hills, CA 91367  
(213) 887-3180  
Andy Jaine, General Manager  
Public  
Total Sales FYE 4/83: \$10,000,000  
Computer Services Offered: • Turnkey Systems

**Geac, Inc.**

See: Geac Canada Limited

**GEJAC Incorporated**

P. O. Box 188  
Riverdale, MD 20737  
(301) 864-3700  
Gregg E. Church, President  
Private  
Total Sales FYE 9/83: \$1,500,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services

**Gelco Corporation**

Edin Prairie, MN

## SUBSIDIARIES:

**Gelco Maintenance Systems**

1101-G State Road  
Princeton, NJ 08540  
(609) 924-2500  
Herbert R. Kane, President  
Public  
Cptr. Svcs. Revs. FYE 7/83: \$3,200,000 Est.  
Computer Services Offered: • Turnkey Systems

**Gelco Maintenance Systems**

See: Gelco Corporation

**Gellman, Hayward & Partners, Ltd.**

33 Yonge Street, 8th Floor  
Toronto, Ontario M5E 1G4  
(416) 862-0430  
Harvey S. Gellman, President  
Private  
Computer Services Offered: • Professional Services

**Gemini Business Systems**

5797 Chesapeake Ct, Ste A  
San Diego, CA 92123  
(714) 292-8101  
J.C. Shelton, President  
Private  
Total Sales FYE 12/81: \$1,000,000

**GENASYS Corporation**

11820 Parklawn Drive  
Rockville, MD 20852  
(301) 770-4600  
John P. Puhala, President  
Private  
Total Sales FYE 6/83: \$6,451,496  
Computer Services Offered: • Software Products •  
Professional Services

## SUBSIDIARIES:

**RDW Systems, Inc.**

8200 Greensboro Drive  
McLean, VA 22102  
(703) 734-2300  
Stewart Robinson, President  
Computer Services Offered: • Professional Services

**Genelco, Inc.**

See: General American Life Insurance Corporation

**General American Life Insurance Corporation**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Consultec**

6065 Roswell Road  
Atlanta, GA 30328  
(404) 252-2883  
Gray Arnold, President  
Total Sales FYE 12/82: \$6,000,000 Est.  
*Computer Services Offered:* • Processing • Professional  
Services • Turnkey Systems

**Genelco, Inc.**

1201 Machlind  
St. Louis, MO 63110  
(314) 644-3200  
David B. Johnson, President  
Total Sales FYE 12/81: \$2,900,000  
Cptr. Svcs. Revs. FYE 12/81: \$578,000  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**General Atlantic Corporation**

120 East 55th Street  
New York, NY 10022  
(212) 888-9191  
Steven A. Denning, Director

## SUBSIDIARIES:

**Transportation Management Systems, Inc**

230 Schilling Plaza South  
Hunt Valley, MD 21031  
(301) 628-2200

**General Computer Corporation**

See: Revco D.S., Inc.

**General Computer Management Corporation**

7979 Old Georgetown Road  
Bethesda, MD 20014  
(301) 656-7300  
Jack Maslin, President  
Private

**General Construction Data Systems, Inc**

See: General Contractor Data Services

**General Contractor Data Service**

13535 Floyd Circle  
Dallas, TX 75243  
(214) 783-0050  
Roy Wilson, President  
Private  
Total Sales FYE 12/82: \$1,450,000  
*Computer Services Offered:* • Processing • Software  
Products • Turnkey Systems

## SUBSIDIARIES:

**General Construction Data Systems, Inc**

PO Box 222200  
Dallas, TX 75222  
(214) 783-0050  
Tom Cofer, President  
*Computer Services Offered:* • Turnkey Systems

**General Data Consultants (GDC)**

Name Changed To: Advertising Data Systems, Inc.

**General Data Systems, Ltd.**

1520 Locust Street  
Philadelphia, PA 19102  
(215) 985-1780  
L. Mirabella, President  
Private

**General Database Technology, Inc.**

1675 Palm Beach Lakes Boulevard  
West Palm Beach, FL 33401  
(305) 689-3337

## SUBSIDIARIES:

**CareerSystem Inc.**

1675 Palm Beach Lakes Boulevard, Suite 500  
West Palm Beach, FL 33401  
(305) 689-3337  
William E. Berry, President  
Total Sales FYE 7/84: \$1,000,000 Est.  
*Computer Services Offered:* • Processing

**General Devices Inc.**

## SUBSIDIARIES:

**World Wide Computer Services**

7 Doig Rd  
Wayne, NJ 07470  
(201) 694-8876  
John Davis, President  
Total Sales FYE 12/82: \$6,000,000 Est.  
*Computer Services Offered:* • Professional Services

**General Electric CAE International, Inc**

See: General Electric Company & Structural Dynamics  
Research

**General Electric Company**

P.O. Box 43  
Schenectady, NY 12301  
(518) 385-3801  
Reginald H. Jones, Chairman & CEO  
Public

## SUBSIDIARIES:

**Calma Company**

2901 Tasman Drive  
Santa Clara, CA 95050  
(408) 748-9600  
Robert J. Smuland, President  
Total Sales FYE 12/83: \$200,000,000  
*Computer Services Offered:* • Turnkey Systems

**General Electric Information Services Company**

401 North Washington Street  
Rockville, MD 20850  
(301) 340-4000  
Walter W. Williams, President  
Public  
Total Sales FYE 12/83: \$600,000,000 Est.  
Cptr. Svcs. Revs. FYE 12/83: \$500,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems



## Directory of Computer Services Companies

## SUBSIDIARIES:

**Banking Systems Inc.**

4550 Beltway Dr. W Suite 1212  
Dallas, TX 75234  
(214)386-0965  
Jack Filder, President

**General Electric Professional Services Company**

205 East 42nd Street  
New York, NY 10017  
(212) 682-1800

Anthony Blomfield, President

*Computer Services Offered:* • Professional Services

**Network Consultants, Inc.**

101 N. Wacker Dr., Ste. 400  
Chicago, IL 60606  
(312) 853-3725

John E. Liess, Chairman

*Computer Services Offered:* • Software Products • Professional Services

**Software International Corp.**

2 Elm Square  
Andover, MA 01810  
(617) 475-5040  
William G. Watson, President

**Mitrol, Inc.**

One New England Executive Park  
Burlington, MA 01803  
(617) 273-4111  
Harold Adler, President

**General Electric Company & Structural Dynamics Research**

## SUBSIDIARIES:

**General Electric CAE International, Inc.**

2000 Eastman Drive  
Milford, OH 45150  
(513)576-3800

Joe R. Frazier, President

Total Sales FYE 12/82: \$13,500,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services

**General Electric Information Services Company**

See: General Electric Company

**General Electric Professional Services Company**

See: General Electric Company

**General Health Corp.**

1046 Potomac St., NW  
Washington, DC 20007  
(202) 965-4881

James Bernstein, M.D., President

Private

**General Motors**

## SUBSIDIARIES:

**Electronic Data Systems Corporation**

7171 Forest Lane  
Dallas, TX 75230  
(214) 661-6000  
Morton Meyerson, President

Public

Total Sales FYE 6/84: \$786,106,000

Cptr. Svcs. Revs. FYE 6/84: \$774,883,000

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Cunadata Corporation**

P.O. Box 378  
Madison, WI 53701  
(608) 231-5000  
Carroll Smith, President

**Data Processing of the South Inc.**

1043 E. Morehead Street  
Charlotte, NC 28204  
(704) 375-5100  
A.S. Blakenship Jr., President

**Weiland Computer Group, Inc.**

2311 W 22nd St  
Oakbrook, IL 60521  
(312) 325-9300

**General Physics Corporation**

1000 Century Plaza  
Columbia, MD 21044  
(301)982-1240

*Computer Services Offered:* • Software Products • Professional Services

## DIVISIONS:

**Management Systems Consulting Services**

1000 Century Plaza  
Columbia, MD 21044  
(301)730-4055

*Computer Services Offered:* • Professional Services • Turnkey Systems

**General System Sciences**

651 Little Wekiva Rd  
Altamonte Springs, FL 32701  
(305) 869-6457

*Computer Services Offered:* • Software Products

**General Systems Group, Inc.**

51 Main Street  
Salem, NH 03079  
(514) 866-3301  
Ugo O. Gagliardi, President

Private

*Computer Services Offered:* • Professional Services

**General Systems Inc.**

1101 Noble Forest Dr.  
Norcross, GA 30092  
(404) 449-8617

**Generated Systems, Inc.**

209 N. Hale  
Wheaton, IL 60187  
(312)668-0506

*Computer Services Offered:* • Software Products

## Directory of Computer Services Companies

**Generic Systems Inc.**

2123 Mango Place  
Jacksonville, FL 32207  
(904) 396-7233  
J. Osborn, President  
Private

**Genesee Computer Center, Inc.**

20 University Avenue  
Rochester, NY 14605  
(716) 232-7050  
David C. Pixley, President

Public

Total Sales FYE 5/84: \$943,057

Computer Services Offered: • Processing • Software  
Products • Professional Services

**Genesistems, Inc.**

1672 Monroe Ave  
Rochester, NY 14618  
(716) 473-8260

Computer Services Offered: • Software Products

**Genesys International**

See: Sutro & Co. Inc.

**Genesys Software Systems, Inc.**

10 Grafton St  
Lawrence, MA 01843  
(617) 685-5400  
Larry Munine, President

Private

Total Sales FYE 6/82: \$4,000,000

Computer Services Offered: • Software Products

**Genetron, Inc.**

1515 West 22nd St, Ste 1000  
Oakbrook, IL 60521  
(312) 325-5400  
J.M. Heffern, President

Private

**Genigraphics Corporation**

P.O. Box 591  
Liverpool, NY 13088  
(315) 456-2060  
Flavil Q. Van Dyke, President

Private

Computer Services Offered: • Professional Services •  
Turnkey Systems

**Genisco Computers**

See: Genisco Technology Corporation

**Genisco Technology Corporation**

DIVISIONS:

**Genisco Computers**

3545 Cadillac Ave.  
Costa Mesa, CA 92626  
(714) 556-4916  
Robert Gray, President

**Geo Data Corporation**

PO Box 3476  
Tulsa, OK 74101  
(918) 584-3366  
Ben Rummerfield, President

Computer Services Offered: • Processing • Professional  
Services

**Geo-Search Seismic Processors**

Midland Division Headquarters 601 Marienfeld, N  
Midland, TX 79701  
(915) 683-6191

Computer Services Offered: • Processing

**Geobased Systems, Inc.**

725 W Morgan St  
Raleigh, NC 27603  
Stephen H. Pratt

Private

Total Sales FYE 7/83: \$1,000,000 Est.

Computer Services Offered: • Software Products •  
Professional Services

**Geodynamics Incorporated**

9896 Bissonnet Suite 632  
Houston, TX 77036  
(713) 776-8235

Daniel H. Sullivan, President

Computer Services Offered: • Processing

**Geographic Systems, Inc.**

204 Andover Street  
Andover, MA 01810  
(617) 470-3760

John P. Bowen, President

Private

Total Sales FYE 9/83: \$3,500,000 Est.

Computer Services Offered: • Processing • Software  
Products • Professional Services

**Geophysical Computing Corp**

96 Inverness Dr East, Ste A  
Englewood, CO 80112  
(303) 779-5660

Joseph F. Roos, President

Computer Services Offered: • Processing • Professional  
Services

**Geophysical Service Inc.**

See: Texas Instruments Inc.

**GeoQuest International Inc.**

4605 Post Oak Place, Suite 130  
Houston, TX 77027  
(713) 627-7180

Ronald N. Hodgson, President

Private

Total Sales FYE 6/83: \$5,500,000 Est.

Computer Services Offered: • Processing • Software  
Products • Professional Services

**Georex Inc.**

See: Compagnie Generale de Geophysique

**George Goode & Associates**

1401 N. Central Expressway Suite 100  
Richardson, TX 95080  
(214) 690-0595

Computer Services Offered: • Processing • Software  
Products

## Directory of Computer Services Companies

**Geoscience Petroleum Services Corp**

555 17th St. Ste 3340  
 Denver, CO 80202  
 (303) 825-5467  
 Dearal W. Beddo, President

*Computer Services Offered:* • Processing • Professional Services

**Geosource Inc.**

*See:* Aetna Life & Casualty

**Gerard Systems, Inc.**

151 South Warner Rd, St 330  
 Wayne, PA 19087  
 (215) 687-5900

*Computer Services Offered:* • Software Products

**Gerber Garment Technology Inc.**

*See:* Gerber Scientific, Inc.

**Gerber Scientific Instrument Company, The**

*See:* Gerber Scientific, Inc.

**Gerber Scientific Products, Inc.**

*See:* Gerber Scientific, Inc.

**Gerber Scientific, Inc.**

83 Gerber Road West  
 South Windsor, CT 06074  
 (203) 644-1551  
 H. Joseph Gerber, President

Total Sales FYE 4/84: \$173,593,000

*Computer Services Offered:* • Turnkey Systems

## SUBSIDIARIES:

**Gerber Garment Technology Inc.**

55 Gerber Road West  
 South Windsor, CT 06074  
 (203) 644-2401

**Gerber Scientific Instrument Company, The**

83 Gerber Road West  
 South Windsor, CT 06074  
 (203) 644-1551

**Gerber Scientific Products, Inc.**

261 Broad Street  
 Manchester, CT 06040  
 (203) 643-1515

**Gerber Systems Technology, Inc.**

40 Gerber Road East  
 South Windsor, CT 06074  
 (203) 644-1551

**Gerber Systems Technology, Inc.**

*See:* Gerber Scientific, Inc.

**GESCO Corporation**

*See:* Guarantee Financial Corporation

**Gifford Fong Associates**

3730 Mt. Diablo Boulevard, Suite 350  
 Lafayette, CA 94540  
 (415) 283-8363  
 H. Gifford Fong, President

Private

Total Sales FYE 12/84: \$5,000,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Gilbert Associates Inc.**

P.O. Box 1498  
 Reading, PA 97208  
 (215) 775-2600  
 Alexander F. Smith, President

Public

Total Sales FYE 12/83: \$240,083,000

Cptr. Svcs. Revs. FYE 12/83: \$4,250,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services

**Global Computer Systems, Inc.**

42800 Garfield Road  
 Mount Clemens, MI 48044  
 (313) 286-1321  
 Anousha Shifteh, President

Private

Total Sales FYE 6/84: \$500,000 Est.

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Global Data Corporation**

*See:* Information Systems Investment Corporation

**Global Data/CSD**

*See:* Information Systems Investment Corporation

**Global Software**

*See:* Storage Technology Corporation

**Goal Systems International Inc.**

5455 North High Street PO Box 29481  
 Columbus, OH 43214  
 (614) 888-1775

Steve R. O'Donnell, President

Private

Total Sales FYE 1/83: \$6,000,000

*Computer Services Offered:* • Software Products

**Gold Knoll Savings Bank**

## SUBSIDIARIES:

**Datek Insta Card Corporation**

525 Aero Drive  
 Buffalo, NY 14225  
 (716) 634-3900

Ken Young, President

Total Sales FYE 12/82: \$1,500,000 Est.

*Computer Services Offered:* • Processing

**Goldbrick Inc.**

1461 Ridgeview Rd  
 Columbus, OH 43221  
 (614) 451-0121

Richard H. Brickley, President

*Computer Services Offered:* • Software Products

**Golden West Broadcasters**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Market Buy Market**

5858 Sunset Blvd.  
Los Angeles, CA 90028  
(213) 469-5341

**Gottfried Consultants**

3435 Wilshire Blvd.  
Los Angeles, CA 90010  
(213) 387-2271  
Ira Gottfried, President

Private

Total Sales FYE 9/83: \$3,500,000 Est.

Computer Services Offered: • Professional Services

**Gould, Inc.**

## DIVISIONS:

**Imaging & Graphics Division of Gould, Inc.**

1870 Lundy Avenue  
San Jose, CA 95131  
(408) 263-7155

Wane K. Heppler, President

Computer Services Offered: • Turnkey Systems

**Government Systems Group**

1420-A South Village Way  
Santa Ana, CA 92705  
(714)953-5901

Ron C. Williams, President

Computer Services Offered: • Software Products

**Grafco Corporation**

Name Changed To: *Brüning CAD*

**Graham-Dorian Enterprises**

## DIVISIONS:

**Graham-Dorian Software Systems, Inc.**

211 North Broadway  
Wichita, KS 67202  
(316) 265-8633  
Don Adams, President

**Graham-Dorian Software Systems, Inc.**

See: Graham-Dorian Enterprises

**Grameo Inc.**

2419 Nicollet Ave.  
Minneapolis, MN 55404  
(612) 871-1459

Michael J. Hurley, President

Private

Total Sales FYE 6/81: \$900,000

Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Granada Systems Design, Inc.**

303 Fifth Ave.  
New York, NY 10016  
(212)686-6945

**Grand Terrace Data Systems**

22805 Barton Rd.  
Grand Terrace, CA 92324  
(714) 783-2231  
James E. Hughes, President  
Private

**Graphic Arts Data Service**

See: Cuneo Press

**Graphic Data**

P.O. Box 99991  
San Diego, CA 92109  
(714) 274-4511  
Carl Gerle, President  
Private

**Graphic Software Systems**

25117 SW Parkway PO Box 673  
Wilsonville, OR 97070  
(503)682-1606

Private

Computer Services Offered: • Software Products

**Graphics Concepts, Inc.**

6797 N. High St., Ste. 131  
Columbus, OH 43085  
(614) 885-2416

William A. Young, President

Private

Total Sales FYE 7/83: \$1,500,000

Cptr. Svcs. Revs. FYE 7/83: \$1,395,000

Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**Graphics Technology Corporation (Graftek)**

See: Burroughs Corporation

**Great Lakes Information Systems Ltd.**

5 Research Dr.  
Ann Arbor, MI 48103  
(313)663-6402

Computer Services Offered: • Software Products

**Great Plains Software, Inc.**

123 North 15th St.  
Fargo, ND 58102  
(701) 293-8483

Joseph C. Larson, President

Private

Total Sales FYE 7/84: \$2,000,000 Est.

Computer Services Offered: • Software Products

**Greater Cleveland Computer Center**

See: Cuyahoga Savings & Loan, and First Federal of Cleveland

**Greer Sontag Associates Inc.**

6 East 45th St.  
New York, NY 10017  
(212)661-5564

Leonard B. Greer, President

Private

Total Sales FYE 7/82: \$500,000 Est.

Computer Services Offered: • Processing • Turnkey Systems

**Gregg Corp.**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Gregg Systems Corp.**

100 Fifth Ave  
Waltham, MA 02254  
(617)890-7227  
Gregg Heacock, President  
*Computer Services Offered:* • Software Products

**Gregg Systems Corp.**

*See:* Gregg Corp.

**Grenier Associates Inc.**

1133 Avenue of the Americas 35Th Floor  
New York, NY 10036  
(212) 248-4352  
Donald Grenier, President  
Private

**Group Operations, Inc.**

1110 Vermont Ave NW, St 500  
Washington, DC 20005  
(202) 887-5420  
P.E. Loiterstein, President  
Private  
Total Sales FYE 6/83: \$5,500,000  
Cptr. Svcs. Revs. FYE 6/83: \$4,950,000  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Grumman Corporation**

## SUBSIDIARIES:

**Grumman Data Systems Corporation**

150 Crossways Park West  
Woodbury, NY 11797  
(516) 575-1847  
Robert A. Nafis, President  
Total Sales FYE 12/82: \$67,100,000 Est.  
*Computer Services Offered:* • Processing • Professional  
Services

## SUBSIDIARIES:

**ISI Systems, Inc.**

161 Forbes Road  
Bainbridge, MA 02184  
(617) 848-4620  
Charles C. Johnston, President  
*Computer Services Offered:* • Processing • Turnkey  
Systems

**Grumman Data Systems Corporation**

*See:* Grumman Corporation

**Guarantee Financial Corporation**

## SUBSIDIARIES:

**GESCO Corporation**

1455 East Shaw Avenue  
Fresno, CA 93726  
(209) 224-8373  
John J. McMenimon, President  
Total Sales FYE 12/83: \$22,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**Gull Resources Management Systems, Inc**

*See:* Gull, Inc.

**Gull, Inc.**

395 Oser Avenue P.O. Box 9400  
Smithtown, NY 11787  
Public

## SUBSIDIARIES:

**Gull Resources Management Systems, Inc**

100 Parkway Drive, South PO Box 9400  
Smithtown, NY 11787  
(516)435-0600  
Peter D'Agrosa, President  
Total Sales FYE 5/83: \$38,500,000  
Cptr. Svcs. Revs. FYE 5/83: \$1,115,000  
*Computer Services Offered:* • Turnkey Systems

**Gulley Computer Associates**

2300 East 14th  
Tulsa, OK 74104  
(918) 744-0100  
Dale L. Gulley, President  
Private  
Total Sales FYE 1/84: \$500,000 Est.  
*Computer Services Offered:* • Processing • Professional  
Services

**Gurries and Okamoto, Inc.**

## DIVISIONS:

**AGMO Software**

20863 Stevens Creek Blvd  
Cupertino, CA 95014  
(408)255-0184  
*Computer Services Offered:* • Professional Services

**H & A Computer Systems, Inc.**

30 Hotelling Place, Suite 204  
San Francisco, CA 94111  
(415) 434-3517  
Alan Hochschild, President  
Private  
Total Sales FYE 4/84: \$5,000,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services

**H & M Systems Software, Inc.**

40 Rector St.  
New York, NY 10006  
(212) 962-4920  
Robert M. Russo, Sr., President

**H & R Block**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**CompuServe Incorporated**

5000 Arlington Centre Boulevard  
Columbus, OH 43220  
(614) 457-8600

Jeffrey M. Wilkins, Chairman and CEO  
Public

Total Sales FYE 4/84: \$51,800,000

*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**H & W Computer Systems**

P.O. Box 4173  
Boise, ID 83711

(208) 377-0336

Robert White, President

Private

Total Sales FYE 12/82: \$750,000

*Computer Services Offered:* • Software Products

**HAI Computer Services**

2205 Fortune Drive

San Jose, CA 95131

(415) 946-4500

Harold Harlist, Jr., President

Private

Total Sales FYE 2/83: \$3,000,000 Est.

*Computer Services Offered:* • Processing • Software  
Products

**HBO & Company**

301 Perimeter Center North Suite 111

Atlanta, GA 30346

(404) 393-6000

Walter S. Huff, Jr., Chairman, CEO

Public

Total Sales FYE 12/83: \$67,624,000

*Computer Services Offered:* • Turnkey Systems

**HBS Information Systems, Inc.**

10810 Paramount Boulevard

Downey, CA 90241

(213) 861-6744

Thomas White, Jr., President

Private

Total Sales FYE 7/83: \$1,500,000 Est.

*Computer Services Offered:* • Turnkey Systems

**HDR Systems Inc.**

See: Henningson, Durham & Richardson, Inc.

**HK Contractors, Inc.**

1000 Milligan Rd. P.O. Box 90

Idaho Falls, ID 83401

(208) 523-6600

*Computer Services Offered:* • Software Products

**HW Systems, Inc.**

Acquired by: TRW Information Services

**Hadron Inc.**

1945 Gallows Road

Vienna, VA 22180

(703) 448-1610

Dominic Laiti, President

Public

Total Sales FYE 3/83: \$30,598,045

Cptr. Svcs. Revs. FYE 3/83: \$17,981,000

*Computer Services Offered:* • Professional Services •  
Turnkey Systems

## SUBSIDIARIES:

**Simcon Inc.**

7655 Old Springhouse Rd. Westgate Research Park

McLean, VA 22102

(703) 734-1202

Donald H. Stromberg, President

*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**Hal Systems & Services**

14840 Landmark Drive

Dallas, TX 75240

(214) 385-2300

James T. Langham, President

Private

Total Sales FYE 9/83: \$5,000,000 Est.

*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**Hale Systems, Inc.**

1076 East Meadow Circle

Palo Alto, CA 94303

(415) 494-6111

Charles G. Calderaro, President

Public

Total Sales FYE 3/84: \$27,798,000

Cptr. Svcs. Revs. FYE 3/84: \$10,182,000

*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**Hall and McChesney**

See: Chicago Title & Trust Company

**Hallahan, G.W. and Co Inc.**

1660 Soldiers Field Rd

Boston, MA 02135

(617) 782-6100

*Computer Services Offered:* • Software Products

**Halliburton Company**

## SUBSIDIARIES:

**Brown and Root**

4100 Clinton Drive

Houston, TX 77001

(713) 676-3011

T.L. Austin, President

**Hancock-Dikewood Services Inc.**

See: John Hancock Subsidiaries, Inc.

**Handley Ltd.**

74 Tempest Drive

Chesterfield, MO 63017

(314) 469-3200

Ronald H. Womack, President

**Haney Group, Inc.**

23241 Ventura Boulevard

Woodland Hills, CA 91364

(818) 703-8808

Roger A. Haney, Chairman

Private

Total Sales FYE 12/83: \$2,400,000

*Computer Services Offered:* • Processing • Professional  
Services

**Hanover Information Systems**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Alpine Data Systems**

8043 S.W. Cirrus Dr.  
Beaverton, OR 97005  
(503) 641-8100  
Jack Berry, President  
Total Sales FYE 12/81: \$6,000,000

**Hansco Data Processing Inc.**

P.O. Box 236  
Wilbraham, MA 01095  
(413) 732-9613  
R. Hanson, President  
Private

**Hansen, A.S. Inc.**

1080 Green Bay Rd.  
Lake Bluff, IL 60044  
(312) 234-3400  
Larry Fisher, President

**Harfax Database Publishing**

See: Harper & Row Publishers, Inc.

**Harfst Associates, Inc.**

Name Changed to: HAI Computer Services

## SUBSIDIARIES:

**Sensible Software**

6619 Perham Dr  
West Bloomfield, MI 48033  
(313) 399-8877  
Private  
Computer Services Offered: • Software Products

**Harper & Row Publishers, Inc.**

## DIVISIONS:

**Harfax Database Publishing**

54 Church Street  
Cambridge, MA 02138  
(617) 492-0670  
Anne C. Fernald, Director  
Computer Services Offered: • Processing • Professional Services

**Harris & Paulson Inc.**

P.O. Box 4666  
Englewood, CO 80155  
(303) 773-8283  
Ron Paulson, President  
Private  
Total Sales FYE 12/81: \$1,300,000 Est.  
Computer Services Offered: • Processing • Software Products • Turnkey Systems

**Harris Corporation**

## SUBSIDIARIES:

**Electrocon International, Inc.**

611 Church Street  
Ann Arbor, MI 48104  
(313) 761-8612  
Mark K. Enns, PH.D., President  
Private  
Total Sales FYE 6/82: \$1,500,000 Est.  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

## DIVISIONS:

**Harris Corporation Computer Systems Division**

1200 Gateway Drive  
Ft. Lauderdale, FL 33309  
(305) 974-1700  
Harold N. Morris, Vice President

**Harris Corporation Computer Systems Division**

See: Harris Corporation

**Harris Data Service Inc.**

11629 W Dearborn Ave  
Milwaukee, WI 53226  
(414) 475-1760  
Thomas Harris, President  
Private  
Total Sales FYE 12/81: \$5,000,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services

## DIVISIONS:

**D-NET**

11629 West Dearborn Ave  
Milwaukee, WI 53226  
(414) 475-1760  
James Sciano, President  
Computer Services Offered: • Software Products

**Harris Information Systems, Systems, Inc.**

760 Highway 18  
East Brunswick, NJ 08816  
(201) 257-9700  
Michael T. Carey, President  
Private  
Total Sales FYE 7/84: \$500,000 Est.  
Computer Services Offered: • Professional Services • Turnkey Systems

**Harris Laboratories, Inc.**

See: Harris Technology Group, Inc.

**Harris Publishing Company**

2057-2 Aurora Rd.  
Twinsburg, OH 44087  
(216) 425-4481  
Robert Harris, President  
Private  
Total Sales FYE 7/83: \$500,000 Est.  
Computer Services Offered: • Processing

**Harris Technical Systems, Inc.**

See: Harris Technology Group, Inc.



## Directory of Computer Services Companies

**Harris Technology Group, Inc.**

624 Peach Street, P.O. Box 80837  
Lincoln, NE 68501  
(402) 476-2811

Ronald L. Harris, President  
Private

Total Sales FYE 6/84: \$13,750,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Financial Systems, Inc.**

P.O. Box 2012  
Kearney, NE 68847  
(308) 237-5995

Ronald L. Harris, President  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Harris Laboratories, Inc.**

624 Peach Street  
Lincoln, NE 68501  
(402) 476-2811

James E. McClurg, President  
*Computer Services Offered:* • Professional Services

**Harris Technical Systems, Inc.**

624 Peach Street  
Lincoln, NE 68501  
(402) 476-2811

Robert B. Harris, President  
*Computer Services Offered:* • Software Products

**Harry & David, Inc.**

## DIVISIONS:

**Rogue Valley Data Processing**

2518 S Pacifica Hwy, P.O. Box 1645  
Medford, OR 97501  
(503) 776-2233  
David Schneider, Manager

**Hart Systems Inc.**

200 Stonehenge Lane  
Carle Place, NY 11514  
(516) 334-7171  
Harvey Goldsmith, President

Private  
Total Sales FYE 3/82: \$7,000,000 Est.  
*Computer Services Offered:* • Processing

**Harte Hanks Communications, Inc.**

## SUBSIDIARIES:

**Urban Data Processing**

209 Middlesex Turnpike  
Burlington, MA 01803  
(617) 273-0900

Robert G. Coyne, President  
Private  
Total Sales FYE 12/81: \$3,200,000  
*Computer Services Offered:* • Processing • Software  
Products

**Hartford Fire Insurance Company**

See: ITT

**Hartley Data Service, Inc.**

1807 Glenview Road  
Glenview, IL 60025  
(312) 724-9280

Ruth K. Koolish, President  
Private

Total Sales FYE 12/83: \$1,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**Haskell, E.F. & Associates**

1528 E. Missouri  
Phoenix, AZ 85012  
(602) 277-2534  
Ed Haskell, Owner

**Haverly Systems, Inc.**

78 Broadway PO Box 919  
Denville, NJ 07834  
(201) 627-1424

Clarence A. Haverly, President

Private  
Total Sales FYE 6/84: \$1,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**Hawkeye Grafix**

23914 Mobile  
Canoga Park, CA 91307  
(213) 348-7909

*Computer Services Offered:* • Software Products

**Hay Huggins Data Services Inc.**

229 S. Eighteenth  
Philadelphia, PA 19103  
(215) 893-0280

William Bender, President  
Private

**Hayden Publishing Software**

See: Hayden Publishing Company Inc.

**Hayden Publishing Company Inc.**

10 Mulholland Drive  
Hasbrouck, NJ 07604  
(201) 393-6000  
James Mulholland, President  
Public

## SUBSIDIARIES:

**Hayden Publishing Software**

600 Suffolk Street  
Lowell, MA 01853  
(617) 937-0200

Oscar Rodriguez, President

Public

Total Sales FYE 12/82: \$7,000,000 Est.  
*Computer Services Offered:* • Software Products

**Health Information Systems, Inc.**

4522 Fort Hamilton Parkway  
Brooklyn, NY 11219  
(212) 435-6300

George Weinberger, President  
Public

Total Sales FYE 6/83: \$5,154,061  
Cptr. Svcs. Revs. FYE 6/83: \$2,751,000  
*Computer Services Offered:* • Turnkey Systems

## Directory of Computer Services Companies

**Health Systems Institute of Maine**

11 Chapel Street  
Augusta, ME 04330  
(207) 622-7153  
John L. Campbell, Exec Vice President  
Private  
Total Sales FYE 3/81: \$1,531,670  
Cptr. Svcs. Revs. FYE 3/81: \$950,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**Heidelberg Eastern Inc.**

## DIVISIONS:

**Profit Control Systems**

45 Route 46 East  
Pine Brook, NJ 07058  
(201) 227-8500  
Jim Corcoran, General Manager  
Total Sales FYE 12/83: \$8,000,000 Est.  
*Computer Services Offered:* • Turnkey Systems

**Heineck Associates, Inc.**

1 Carriage Court  
Stony Brook, NY 11790  
(516) 751-7835

**Helm Data Processing Inc.**

1190 Eighth Street  
Arcata, CA 95521  
(707) 822-0386  
Robert R. Helm, President  
Private  
Total Sales FYE 4/84: \$750,000 Est.  
*Computer Services Offered:* • Processing

**Hemenway Corporation**

101 Tremont St. Suite 208  
Boston, MA 02108  
(617) 426-1931  
Jack E. Hemenway, President  
Private  
Total Sales FYE 11/82: \$1,000,000 Est.  
*Computer Services Offered:* • Software Products

**Henco Research**

*See: Hogan Systems, Inc.*

**Henco Software, Inc.**

100 Fifth Avenue  
Waltham, MA 02154  
(617) 890-8670  
Henry T. Cochran, President  
Private  
Total Sales FYE 12/83: \$7,000,000 Est.  
*Computer Services Offered:* • Software Products

**Henningson, Durham & Richardson, Inc.**

## SUBSIDIARIES:

**HDR Systems Inc.**

8404 Indian Hills Drive  
Omaha, NE 68114  
(402) 399-1400  
George Haddix, Ph.D., President

**Henry, Jack & Associates**

P.O. Box 607  
Monett, MO 65708  
(417) 235-6652  
Chris Jensen, President  
Private  
Total Sales FYE 6/82: \$4,000,000 Est.  
*Computer Services Offered:* • Software Products

**Herbrick & Held Printing Company**

## DIVISIONS:

**Datacomp Corporation**

925 Chestnut Street  
Philadelphia, PA 19107  
(215) 627-2400  
Joe D'Angelo, President  
Private  
Total Sales FYE 12/83: \$25,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**Heritage Computer Corporation**

*See: Heritage Mutual Insurance Co.*

**Heritage Mutual Insurance Co.**

## SUBSIDIARIES:

**Heritage Computer Corporation**

2800 South Taylor Drive  
Sheboygan, WI 53081  
(414) 457-1422  
Jens P. Christensen, President  
Total Sales FYE 12/84: \$8,500,000  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**Herring Associates, Inc.**

440 Grand Ave, Ste 415  
Oakland, CA 94610  
(415) 839-7821  
*Computer Services Offered:* • Software Products

**Hersey, Harlan S., Inc.**

106 Quaker Dr.  
West Warwick, RI 02893  
(401) 822-0176

**Heuristic DataSystems, Inc.**

1 Woodside Dr, Ste L-101  
Richmond, IN 47374  
(314) 966-4900  
David R. Perks, President  
Private  
Total Sales FYE 12/81: \$600,000  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**Hewitt Associates**

102 Wilnot Road  
Deerfield, IL 60015  
(312) 945-8000

**Hewlett-Packard General Systems Division**

*See: Hewlett-Packard Corporation*

**Hewlett-Packard Corporation**

## Directory of Computer Services Companies

## DIVISIONS:

**Hewlett-Packard General Systems Division**

19447 Pruneridge Ave.  
Cupertino, CA 95014  
(408) 257-7000  
Edward R. McCracken, Manager  
Cptr. Svcs. Revs. FYE 10/82: \$109,085,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Information Resources Ltd.**

7995 East Prentice Ave Building 40 East  
Englewood, CO 80011  
(303) 773-1992  
Raymond Stover, President  
*Computer Services Offered:* • Software Products

**Hex Data Services Inc.**

225 W. 34th Street  
New York, NY 10001  
(212) 947-8765  
Josef Rovner, President  
Private

**High Technology Software Products, Inc.**

2201 NE 63rd PO Box 14665  
Oklahoma City, OK 73113  
(405) 478-2105  
*Computer Services Offered:* • Software Products

**Higher Order Software, Inc.**

2067 Massachusetts Ave.  
Cambridge, MA 02140  
(617) 661-8900  
Margaret Hamilton, President  
Private  
*Computer Services Offered:* • Software Products

**Highlander Systems, Inc.**

335 S 1000 E  
Orem, UT 84057  
(801) 225-0396  
*Computer Services Offered:* • Software Products

**Higley & Company, Inc.**

7547 Mentor Avenue, P.O. Box 451  
Mentor, OH 44061  
(216) 946-5359  
Leo A. Higley, President  
Private  
Total Sales FYE 12/83: \$1,400,000  
*Computer Services Offered:* • Software Products

**Hill International**

## SUBSIDIARIES:

**Construction Management Systems**

P.O. Box 90  
Haddonfield, NJ 08033  
(609) 429-4030  
Joseph Raneri, Manager

**Hilltop Enterprises, Inc.**

2636 Forrest Hill Blvd  
West Palm Beach, FL 33406  
(305) 964-4215  
Richard F. Hill, President  
Private  
Total Sales FYE 12/82: \$1,000,000 Est.  
*Computer Services Offered:* • Turnkey Systems

**Hobbs Associates Inc.**

P.O. Box 686  
Corona Del Mar, CA 92625  
(714) 546-0961  
L.O. Hobbs, President  
Private

**Hochschild, Alan, Inc.**

*Name Changed To: H & A Computer Systems*

**Hogan Systems, Inc.**

5080 Spectrum Drive, Suite 400E  
Dallas, TX 75248  
(214) 386-0020  
Richard Streller, Chairman and CEO  
Public  
Total Sales FYE 3/84: \$36,422,000  
*Computer Services Offered:* • Software Products

## DIVISIONS:

**Henco Research**

41 East 42nd Street  
New York, NY 10017  
(212) 370-0070  
Bruno Henry, Senior Vice President  
*Computer Services Offered:* • Software Products

**Holguin & Associates**

5822 Cromo St.  
El Paso, TX 79912  
(915) 581-1171  
Hector Holguin, President  
Private

**Holland Systems Corporation**

3131 South State Street, Suite 303  
Ann Arbor, MI 48104  
(313) 995-9595  
Robert H. Holland, President  
Private  
Total Sales FYE 12/84: \$2,000,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services

**Hollander Associates**

P.O. Box 2276  
Fullerton, CA 92633  
(714) 879-9000  
G.L. Hollander, President  
Private

**Holmes & Shaw Inc.**

880 Isomon Road, P.O. Box 32907  
San Antonio, TX 78216  
(512) 341-6641  
George V. Shaw, President  
Private  
Total Sales FYE 6/83: \$3,500,000  
Cptr. Svcs. Revs. FYE 6/83: \$1,250,000  
*Computer Services Offered:* • Processing • Software  
Products

## Directory of Computer Services Companies

**Holvick Corporation***Acquired/Merged: Computer Task Group, Inc.***Honeywell Datanetwork***See: Honeywell Inc.***Honeywell Inc.**

Honeywell Plaza  
 Minneapolis, MN 55408  
 (612) 870-5200  
 Edson W. Spencer, Chairman and CEO

Public

Total Sales FYE 12/83: \$5,753,100,000

Cptr. Svcs. Revs. FYE 12/83: \$120,000,000 Est.

*Computer Services Offered:* • Processing • Software  
 Products • Professional Services

## SUBSIDIARIES:

**Damas Office of Tetra Tech Services, Inc.**

3559 Kenyon Street  
 San Diego, CA 92110  
 (619) 224-4101  
 Dr. L. Bell, President

*Computer Services Offered:* • Software Products •  
 Professional Services • Turnkey Systems
**Honeywell Information Systems**

Honeywell Plaza  
 Minneapolis, MN 55408  
 (612) 870-5200  
 James J. Renier, President

## DIVISIONS:

**Digital Datacom Inc.**

27721 South LaPaz Road,  
 Laguna Niguel, CA 92677  
 (714) 831-8470  
 James Mariner, President

*Computer Services Offered:* • Turnkey Systems
**Honeywell Datanetwork**

Honeywell Plaza  
 Minneapolis, MN 55408  
 (612) 870-6000  
 Leonard J. Koch, Jr., Director

**Honeywell Information Systems***See: Honeywell Inc.***Horizon Software Systems**

185 Berry Street, Suite 4820  
 San Francisco, CA 94107  
 (415) 543-1199

 Paul Miller, Executive Vice President  
 Public

Total Sales FYE 6/84: \$1,000,000 Est.

*Computer Services Offered:* • Professional Services
**Horrigan Analytics**

1460 N. Sandburg Terrace  
 Chicago, IL 60610  
 (312) 642-8272  
 Timothy J. Horrigan, President  
 Private

**Hospital Computer Systems Inc.**

8850 Veterans Blvd.  
 Metairie, LA 70003  
 (504) 469-7391  
 John L. Henson, President

**Hospital Data Services**

1645 Dorchester, Site B  
 Plano, TX 75075  
 (214) 596-2103  
 Al Rosen, President

Private

Total Sales FYE 7/82: \$400,000 Est.

*Computer Services Offered:* • Processing • Software  
 Products • Professional Services • Turnkey Systems
**Hot Line, Inc.**

## SUBSIDIARIES:

**Tele-Equip**

P.O. Box 1352  
 Fort Dodge, IA 50501  
 (800) 247-2244  
 Robert Qualey, President

**Hotel Computers**

221 W. Lancaster, Ste 1200  
 Fort Worth, TX 76102  
 (213) 787-7380

 Halden Conner, President  
 Private
**Hotze, James B. Company**

6101 South West Freeway Suite 406  
 Houston, TX 77057  
 (713) 664-1172

Private

Total Sales FYE 12/82: \$500,000

*Computer Services Offered:* • Professional Services
**Houghton Mifflin Company**

One Beacon Street  
 Boston, MA 02108  
 (617) 725-5000  
 Richard W. Young, President

Public

Total Sales FYE 12/83: \$219,208,000

Cptr. Svcs. Revs. FYE 12/83: \$6,000,000 Est.

*Computer Services Offered:* • Processing • Software  
 Products • Turnkey Systems

## SUBSIDIARIES:

**Market Data Retrieval**

Ketchum Place  
 Westport, CT 06880  
 (203) 226-8941

## Directory of Computer Services Companies

**TSC**

P.O. Box 683  
Hanover, NH 03755  
(603) 448-3838  
Richard T. Bueschel, President

**Houston Data Center Inc.**

2900 Smith  
Houston, TX 77006  
(713) 522-9807  
Joe Kurka, President  
Private  
Total Sales FYE 4/83: \$5,000,000  
*Computer Services Offered:* • Processing • Turnkey Systems

**Houston Engineering Research Corporation**

7250 Wynnwood Street  
Houston, TX 77008  
(713) 869-9371  
Joseph L. Schweppe, President  
Private  
Total Sales FYE 11/83: \$2,500,000 Est.  
*Computer Services Offered:* • Turnkey Systems

**Houston Information Systems Inc.**

5151 Mitcheldale Dr  
Houston, TX 77092  
(713) 681-3121  
Norman Coe, President  
Private  
Total Sales FYE 10/81: \$4,000,000  
*Computer Services Offered:* • Processing

**Houston Micro-Computer Technologies, Inc.**

2201 Red Oak LN  
Richardson, TX 75081  
(713) 661-2005  
Steve Tunc, President  
Private

**Houston Processors, Inc.**

5905 Sovereign Dr. Ste 114  
Houston, TX 77036  
(713) 776-2285  
JF Nichols, President  
*Computer Services Offered:* • Processing

**Howard Finley Corporation**

6400 Westpark Drive  
Houston, TX 77057  
(713) 785-4549  
Howard Finley, President  
Private

**Howard Systems International**

708 Third Ave.  
New York, NY 10017  
(212) 682-2400  
Howard Persky, President  
Private

**Huber, J.M. Corporation**

Thornall Street  
Edison, NJ 08817  
(201) 549-8600

**Hudson Soft Inc.**

2063 Center St  
Berkeley, CA 94704  
(415) 845-1416  
*Computer Services Offered:* • Software Products

**Human Computing Resources Corp.**

10 St. Mary Str., Suite 401  
Toronto, ON M4Y1P  
(416) 922-1937  
Ronald Baecker, PH.D., President  
Private

**Humatix Business Systems**

*Name Changed To: HBS Information Systems, Inc.*

**Hunter & Ready Inc.**

445 Sherman Ave PO Box 11803  
Palo Alto, CA 94306  
(415) 326-2950  
Colin Hunter, President  
*Computer Services Offered:* • Software Products

**Hurd, Nicholas N. Inc.**

2450 Peralta Boulevard, Suite 222  
Fremont, CA 94536  
(415) 794-9296  
Nicholas N. Hurd, President  
Private  
Total Sales FYE 6/84: \$425,000  
*Computer Services Offered:* • Professional Services • Turnkey Systems

**Hutchinson Associates Ltd.**

8983 N. 70th St.  
Milwaukee, WI 53223  
(414) 963-4274

**Hydra Computer Corporation**

622 Downtown Blvd.  
Raleigh, NC 27619  
(919) 782-1051  
Fred C. Tarbox, President  
Private

**Hydro-Data Inc.**

1650 Alameda, W.  
Tempe, AZ 85282  
(602) 966-0719

**Hydrocomp Inc.**

201 San Antonio Circle, Ste. 2  
Mountain View, CA 94040  
(415) 948-3919  
Norman Crawford, President  
Private

**I-Concepts, Inc.**

2560 Royal Lane  
Dallas, TX 75229  
(214) 243-0700  
Ed Hayden, President  
Private  
Total Sales FYE 11/83: \$1,250,000  
Cptr. Svcs. Revs. FYE 11/83: \$1,125,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

## Directory of Computer Services Companies

## SUBSIDIARIES:

**BOS National, Inc.**

2560 Royal Lane  
Dallas, TX 75229  
(214) 484-2717  
Ed Hayden, President  
Private

*Computer Services Offered:* • Software Products

**IBM Information Network**

*See:* International Business Machines

**ICL, Inc.**

*See:* International Computers Ltd.

**ICS Group**

3848 Carson Street, Ste. 320  
Torrance, CA 90503  
(213) 534-2611  
John Benton, President

Private

Total Sales FYE 12/83: \$2,000,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**IDC Data Services Inc.**

*See:* IDC Services Inc.

**IDC Services Inc.**

## SUBSIDIARIES:

**IDC Data Services Inc.**

1225 Franklin Avenue Second Floor  
Garden City, NY 11530  
(516) 294-6040  
George A. Brenner, Vice President  
Private

**IE Systems**

112 Main Street  
Newmarket, NH 03857  
(603) 659-5891  
Maxwell F. Eveleth, Jr., President

Private

Total Sales FYE 3/84: \$1,500,000 Est.

*Computer Services Offered:* • Software Products

**IFA Computer Services Inc.**

11 North Avenue, West  
Cranford, NJ 07016  
(201) 272-4350

Donald A. Thee, President

Total Sales FYE 12/81: \$1,000,000

*Computer Services Offered:* • Processing • Turnkey Systems

**III Systems, Inc.**

*See:* Baltic Company, Inc.

**ILD Marketing**

*Name Changed To:* Arnould & Ouellette

**IMI Health Systems Corporation Applications Inc.**

*See:* Information Management International, Inc.

**IMI Systems**

1500 Broadway  
New York, NY 10036  
(212) 944-1555  
Robert Foreman, President

Private

Total Sales FYE 1/84: \$7,250,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**IMS Marketronics**

19 W. 44th St.  
New York, NY 10036  
(212) 869-8810

*Computer Services Offered:* • Processing

**IMS Systems Corporation**

One Penn Plaza  
New York, NY 10001  
(212) 736-5210  
Ira B. Brown, President

Private

Total Sales FYE 9/84: \$8,100,000

*Computer Services Offered:* • Professional Services

## SUBSIDIARIES:

**Brandon Consulting Group, Inc.**

1775 Broadway  
New York, NY 10019  
(212) 977-4400  
Ira Brown, CEO

*Computer Services Offered:* • Professional Services

**System Of Florida, Inc.**

7825 Bay Meadows Way, Suite 300A Centre Building  
Jacksonville, FL 32216  
(904) 733-6340

*Computer Services Offered:* • Professional Services

**System Of New Jersey, Inc.**

303 George Street  
New Brunswick, NJ 08901  
(201) 846-5600

*Computer Services Offered:* • Professional Services

**System Of Texas, Inc.**

5353 West Alabama, Suite 504  
Houston, TX 77056  
(713) 960-9900

*Computer Services Offered:* • Professional Services

**System, Inc.**

One Penn Plaza  
New York, NY 10001  
(212) 736-5210

*Computer Services Offered:* • Professional Services

**IPL, Inc.**

102 Waterman Street, P.O. Box 2330A  
Providence, RI 02906  
(401) 272-6555

Nathan Williamson III, President

Private

Total Sales FYE 12/83: \$750,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

## Directory of Computer Services Companies

**IPT - Information Processing Techniques**

1096 East Meadow Circle  
Palo Alto, CA 94303  
(415) 494-7500  
C. Stephen Carr, President  
Private  
Total Sales FYE 12/83: \$1,500,000 Est.  
**Computer Services Offered:** • Software Products • Professional Services

**ISI Systems, Inc.**

See: Grumman Corporation

**ISSCO**

See: Integrated Software Systems Corporation

**ITS Computing, Inc.**

225 B Frito Lay Tower  
Dallas, TX 75235  
(214)358-1486

**ITT****SUBSIDIARIES:****Federal Electric Corporation**

621 Industrial Ave  
Paramus, NJ 07652  
(201)967-0123  
Paul Gordon, President  
**Computer Services Offered:** • Processing

**Hartford Fire Insurance Company****SUBSIDIARIES:****Redshaw, Inc.**

1225 Washington Pike  
Bridgeville, PA 15107  
(412) 221-1661  
Robert Thompson, Jr., President  
**Computer Services Offered:** • Software Products • Professional Services • Turnkey Systems

**ITT Dialcom, Inc.**

1109 Spring Street, Suite 410  
Silver Spring, MD 20910  
(301) 588-1572  
Robert F. Ryan, President  
Cptr. Svcs. Revs. FYE 12/83: \$12,000,000  
**Computer Services Offered:** • Processing

**ITT Dialcom, Inc.**

See: ITT

**IBIS Corporation**

8150 Leesburg Pike  
Tyson's Corner, VA 22180  
(703)827-0350  
Fred T. Multhen, President  
Private

**Iconix**

10441 Bantley Dr  
Cupertino, CA 95014  
(408)255-5500  
David Davison, President  
Private  
Total Sales FYE 5/81: \$2,000,000 Est.  
**Computer Services Offered:** • Processing • Turnkey Systems

**Ideal Computer & Electronics Inc. (ICE)**

3505 Turtle Creek Blvd.  
Dallas, TX 75219  
(214)386-0274

**Illiana Data Processing**

P.O. Box 399  
Tinley Park, IL 60477  
(312) 532-2700  
William Siceone, President  
Private

**Illinois Micro Inc**

200 E Evergreen  
Mount Pleasant, IL 60056  
(312)883-0110  
David Paul, President  
**Computer Services Offered:** • Software Products

**Illinois Stock Transfer Inc.**

See: Midwest Stock Exchange and DST, Inc.

**Image Sciences, Inc.**

8350 N. Central Expressway  
Dallas, TX 75206  
(214) 369-7494  
Mike Andereck, President  
Private  
Total Sales FYE 12/83: \$1,500,000 Est.  
**Computer Services Offered:** • Software Products • Professional Services

**Imagen Corporation**

12769 Dianne Dr  
Los Altos Hills, CA 94022  
(415)949-1580

**Imaging & Graphics Division of Gould, Inc.**

See: Gould, Inc.

**Impact Services**

See: Pioneer Data Systems

**Impact Systems**

83 Hartwell Avenue  
Lexington, MA 02173  
(617) 863-8070  
Melvin Platte, President  
Private  
**Computer Services Offered:** • Processing • Software Products • Professional Services

**Improved System Technologies Inc.**

888 Seventh Ave  
New York, NY 10019  
(212) 586-1098  
C.P. Gane, President  
Private



## Directory of Computer Services Companies

**Incepts, Inc.**

14114 Dallas Pkwy.  
Dallas, TX 75240  
(214) 385-6497  
Charles Anglin, President  
Private  
Total Sales FYE 7/81: \$987,000  
Computer Services Offered: • Professional Services

**INCO Inc.**

8260 Greensboro Drive  
McLean, VA 22102  
(703) 442-7960  
Warren Polk, President  
Private  
Total Sales FYE 3/84: \$21,000,000 Est.  
Computer Services Offered: • Professional Services

**Indecon Inc.**

1210 Threer, 1st National Plaza  
Chicago, IL 60602  
(312) 726-5860  
Donald F. Breitfelder, President  
Private  
Total Sales FYE 7/84: \$7,000,000 Est.  
Computer Services Offered: • Professional Services

**Independent Computer Systems, Inc. (ICS)**

10640 N. 20th Drive, A-200  
Phoenix, AZ 85029  
(602) 866-2600  
Robert E. Bray, Jr., President  
Private  
Total Sales FYE 1/84: \$1,500,000  
Computer Services Offered: • Software Products • Turnkey Systems

**Independent Newspapers Inc.**

## DIVISIONS:

**Del-Data Computer Services**

554 Garton Rd.  
Dover, DE 19901  
(302) 674-4819  
Walter E. Trabbold, President  
Total Sales FYE 6/81: \$500,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Independent Publications, Inc.**

## SUBSIDIARIES:

**NewsNet, Inc.**

945 Haverford Avenue  
Bryn Mawr, PA 19010  
(215) 527-8030  
John Buhsmer, President  
Total Sales FYE 7/84: \$1,500,000 Est.  
Computer Services Offered: • Processing

**Independent Tax Corporation (ITC)**

6400 E. Washington Blvd.  
Los Angeles, CA 90040  
(213) 724-6922  
Private  
Total Sales FYE 4/81: \$2,000,000  
Computer Services Offered: • Processing

**Index Systems Inc.**

5 Cambridge Center  
Cambridge, MA 02142  
(617) 492-1500  
Thomas Garrity, President  
Private  
Total Sales FYE 9/83: \$16,000,000 Est.  
Computer Services Offered: • Professional Services

**Indiana Bank and Trust**

## DIVISIONS:

**Financial Systems Consultants**

915 South Clinton  
Fort Wayne, IN 46802  
(219) 461-7761  
Total Sales FYE 12/82: \$1,500,000  
Computer Services Offered: • Processing • Software Products

**Indiana Gas Company, Inc.**

1630 North Meridian Street  
Indianapolis, IN 46202  
(317) 926-3351  
John F. Kavanaugh, President

**Indiana Information Controls Inc.**

See: Urschel Laboratories

**Indiana National Bank**

One Indiana Square  
Indianapolis, IN 46204  
(317) 266-6512  
Thomas Miller, President

**Industrial Life-Technical Services Inc.**

2 Complexe Desjardins East Tower, Suite 1317  
Montreal, QC H5B1B  
Morris Martel, President

**Industrial Programming, Inc.**

100 Jericho Quadrangle, Suite 134  
Jericho, NY 11753  
(516) 938-6600  
Bernard Mushinsky, President  
Private  
Total Sales FYE 11/84: \$2,000,000 Est.  
Computer Services Offered: • Software Products

**Industry Data Services**

Name changed to: Madic Corporation

**Info Systems of N.C., Inc.**

6635 Executive Circle, Suite 160  
Charlotte, NC 28212  
(704) 535-7180  
William J. Gaughan, President  
Private  
Computer Services Offered: • Software Products • Professional Services

**Info 3**

21250 Califa St.  
Woodland Hills, CA 91367  
(213) 999-5753  
Larry Vermillion, President  
Private

## Directory of Computer Services Companies

**Info-Data Services, Inc.**

817 Wyandoite  
Kansas City, MO 64105  
(916) 842-2611  
Ronald G. Osborn, President  
Private

**Info-dyne Inc.**

7417 Bush Lake Rd  
Minneapolis, MN 55435  
(612) 861-3316

**Info-Pros, Inc.**

2102 Business Center Drive  
Irvine, CA 92715  
(714) 851-8975  
Scott Shulga, President  
Private  
Total Sales FYE 7/84: \$300,000 Est.  
Computer Services Offered: • Software Products

**Info-Serve, Inc.**

9 Third Street North  
Great Falls, MT 59401  
(406) 761-8954  
Richard Henley, President  
Private

**INFOCEL Incorporated**

1828 L Street N.W., Suite 606  
Washington, DC 20036  
(202) 887-5270  
Mr. Jan Lodal, President  
Private  
Total Sales FYE 9/84: \$11,500,000 Est.  
Computer Services Offered: • Turnkey Systems

**Infodata Systems Inc.**

5 Tobey Village Office Park  
Pittsford, NY 14534  
(716) 381-7430  
Ronald A. Furman, President  
Public  
Total Sales FYE 12/82: \$7,439,124  
Computer Services Offered: • Software Products

**Infographics Inc.**

See: Business Color Graphics Inc.

**Infolink Corporation**

1925 Holstee Road  
Northbrook, IL 60062  
(312) 291-2900

**Infomart**

See: Torstar Corp./Southam Inc.

**Infomed**

1101 State Road, Bldg. J  
Princeton, NJ 08852  
(609) 921-3899  
Frederick Neufeld, President  
Private  
Total Sales FYE 6/83: \$5,000,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services

**Infopac Associates, Inc.**

324 Rose St  
Freeport, NY 11520  
(516) 378-3435

**Infor-Data Inc.**

3305 Spring Mountain Rd. Suite 68  
Las Vegas, NV 89102  
(702) 873-9796

**Informata Landex Systems**

23241 Ventura Blvd  
Woodland Hills, CA 91364  
(213) 346-9203  
Donald Henley, President  
Private  
Total Sales FYE 3/81: \$700,000 Est.  
Computer Services Offered: • Turnkey Systems

**Informatics General Corporation**

21031 Ventura Boulevard  
Woodland Hills, CA 91364  
(818) 887-9040  
Dr. Walter F. Bauer, President  
Public  
Total Sales FYE 12/83: \$197,892,000  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

## DIVISIONS:

**Distribution & Retail Systems Division**

23500 Mercantile Road  
Beachwood, OH 44122  
(216) 464-4482  
Computer Services Offered: • Software Products

**Management Control Systems Division**

2400 Lake Park Drive  
Atlanta, GA 30339  
(404) 432-1996  
Charles J. Paparelli, Vice President  
Computer Services Offered: • Software Products • Turnkey Systems

**Sigma Software Inc.**

248 Columbia Turnpike  
Florham Park, NJ 07932  
(201) 966-1633  
Adelaide H. Warren, President  
Total Sales FYE 12/82: \$4,000,000  
Computer Services Offered: • Software Products

**Informatie en Communicatie Unie of The Netherlands**

## SUBSIDIARIES:

**Aspen Systems Corporation**

1600 Research Boulevard  
Rockville, MD 20850  
(301) 251-5000  
Herbert R. Brinberg, Ph.D., President

## Directory of Computer Services Companies

**Information & Communications, Inc.**

99 East San Jose Avenue  
Burbank, CA 91502  
(213) 846-5600  
Private

**Information & Financial Services**

1 East Penn Sq, Ste 2200  
Philadelphia, PA 19107  
(215) 568-3130  
Jerry Aman, President

**Information & Publishing Systems, Inc.**

4720 Montgomery Ln.  
Bethesda, MD 20814  
(301) 652-5424  
Merle Garvis, President  
Private

**Information Access Co.**

See: Ziff-Davis Publishing Company

**Information Access Systems, Inc.**

P.O. Box 835  
Sparta, NJ 07871  
(201) 625-9220  
William Brady, President  
Private

**Information and Systems Research, Inc. (ISR)**

410 Rouser Rd. Airport Office Park Bldg. 1  
Coraopolis, PA 15108  
(412) 373-0500  
Ron Morris, President  
Private

**Information Associates, Inc.**

97 Humboldt Street  
Rochester, NY 14609  
(716) 288-6900  
John G. Robinson, Chairman  
Private

**Information Automation, Inc.**

925 Westchester Avenue  
White Plains, NY 10604  
(914) 948-4300  
Robert Kissner, President  
Private  
Computer Services Offered: • Turnkey Systems

**Information Builders, Inc.**

1250 Broadway  
New York, NY 10001  
(212) 736-4433  
Gerald D. Cohen, President  
Private  
Total Sales FYE 12/83: \$34,000,000  
Computer Services Offered: • Software Products • Professional Services

**Information Catalysts, Inc.**

521 Fifth Ave.  
New York, NY 10017  
(212) 952-8856  
William Bell, President  
Private

**Information Concepts, Inc.**

1750 One Dallas Centre  
Dallas, TX 75201  
(214)324-2128

**Information Control Inc.**

See: Dataco, Inc.

**Information Control Systems Corporation**

1233 W. Mount Royal Avenue  
Baltimore, MD 21217  
(301) 752-1934  
Garland O. Williamson, President

**Information Displays, Inc.**

28 Kaysal Court  
Armonk, NY 10504  
(914) 592-2025

**Information Dynamics Inc.**

3637 No. Meridian Street Suite 300  
Indianapolis, IN 46208  
(317) 925-0044  
George Dougherty, President  
Private

**Information Engineering**

8 Bay Road, Box 305  
Newmarket, NH 03857  
(603) 659-5891

**Information Equities Inc.**

4140 Redwood Highway, Suite 3  
San Rafael, CA 94903  
(415)472-2072  
Daniel Haagens, President  
Private

**Information Industries, Inc.**

Ten Main Center  
Kansas City, MO 64105  
(816) 421-6969  
Maurice Gosnay, President  
Private

**Information Management International**

1101 South Winchester Boulevard  
San Jose, CA 95128  
(408) 248-8250  
Allen Guggenheim, President  
Private  
Total Sales FYE 12/83: \$12,000,000  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Diversified Computer Applications**

2525 East Bayshore Road  
Palo Alto, CA 94303  
(415) 493-2100  
Sherwin Kalt, Chairman and President

**IMI Health Systems Corporation Applications Inc.**

8850 Veterans Boulevard  
Metairie, LA 70003  
(504) 469-7391  
Ben Ciaccia, President  
*Computer Services Offered:* • Processing • Professional Services • Turnkey Systems

**Information Management Technologies**

180 N. Michigan Ave.  
Chicago, IL 60601  
(312) 372-4222  
Bob McKeam, Director  
Private  
Total Sales FYE 4/81: \$7,000,000 Est.  
*Computer Services Offered:* • Professional Services

**Information Management Consultants Inc.**

1008 N. Randolph St.  
Arlington, VA 22201  
(703) 522-5572

**Information Management Software Specialists, Inc.**

Racine, WI 53401  
(414) 632-1571  
R. T. Bridgette, President  
Private  
*Computer Services Offered:* • Software Products

**Information Organization Corporation, The**

2295 Valjejo Street  
San Francisco, CA 94123  
(415) 921-3798  
Diane Daniels, President

**Information People, The**

443 Hudson Avenue  
Newark, OH 43055  
(614) 349-8644  
Charles M. Kolb, Managing Partner  
Private  
*Computer Services Offered:* • Software Products • Professional Services

**Information Plus, Inc.**

6001 Savoy, Ste 603  
Houston, TX 77036  
(713) 977-3515  
George Dehan, President  
*Computer Services Offered:* • Software Products

**Information Processing Corporation**

1720 First Street International Building  
Dallas, TX 75270  
(214) 744-5638  
S.G. Callier, President  
Private  
Total Sales FYE 12/81: \$5,400,000  
*Computer Services Offered:* • Processing • Software Products

**Information Processing Directions, Inc.**

666 Dundee Rd. Suite 203  
Northbrook, IL 60062  
(312) 291-0800  
Maurice Hoffman, President  
Private

**Information Processing Inc.**

1850 Lee Road, Suite 320  
Winter Park, FL 32789  
(305) 647-2200  
T. Donald Tyra, Jr., President  
Private  
Total Sales FYE 12/84: \$1,500,000 Est.  
*Computer Services Offered:* • Software Products

**Information Research Associates**

911 West 29th Street  
Austin, TX 78705  
(512) 474-4526  
J.C. Browne, Chairman  
Private  
Total Sales FYE 8/84: \$550,000  
*Computer Services Offered:* • Software Products • Professional Services

**Information Resources Ltd.**

See: Hewlett-Packard Corporation

**Information Resources, Inc.**

150 N. Clinton Street  
Chicago, IL 60606  
(312) 726-1221  
John Malec, Chairman, CEO  
Public  
Total Sales FYE 12/83: \$21,092,571  
*Computer Services Offered:* • Processing

**Information Science Incorporated (InSci)**

95 Chestnut Ridge Road  
Montvale, NJ 07645  
(201) 391-1600  
Joseph Dyer, President and CEO  
Public  
Total Sales FYE 4/84: \$28,864,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

## DIVISIONS:

**Dyer, Wells & Associates**

4501 Circle 75 Parkway Suite 2190  
Atlanta, GA 30339  
(404) 955-2290  
James Wells, President  
*Computer Services Offered:* • Software Products

**National FSI, Inc.**

4501 West Mockingbird  
Dallas, TX 75209  
(214) 350-0913  
William McFarlin, President  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Information Sciences, Inc.**

Name changed to: Fleet Information, Inc.

## Directory of Computer Services Companies

**Information Systems Development**

301 E. Armour Blvd  
Kansas City, MO 64111  
(816) 561-7770  
C.E. Frasier, President

**Information Systems Investment Corporation**

1911 Wright Circle  
Anaheim, CA 92806  
(714) 634-9012  
Michael Strong, President

*Computer Services Offered:* • Processing • Software Products

**SUBSIDIARIES:****Global Data Corporation**

16405 Frontage Road  
Oak Forest, IL 60452  
(312) 535-2610  
John R. Lestina, Executive VP

Private

Total Sales FYE 12/84: \$3,500,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Global Data/CSD**

1911 Wright Circle  
Anaheim, CA 92806  
(714) 634-9012

Chris Harrocks, Exec Vice President

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Information Systems Design, Inc.**

*See: Control Data Corporation*

**Information Systems Inc.**

34 Ronzo Road  
Bristol, CT 06010  
(203) 589-8123  
John McCormick, President  
Private  
Total Sales FYE 12/84: \$5,000,000 Est.  
*Computer Services Offered:* • Processing

**Information Systems Inc.**

*Name Changed To: ORBIS, Inc.*

**Information Systems of America, Inc. (ISA)**

*See: United Telecommunications, Inc.*

**Information Technology, Inc.**

P.O. Box 2705  
Lincoln, NE 68502  
(402) 423-2682  
Don Dillon, President

Private

Total Sales FYE 9/83: \$5,000,000 Est.

*Computer Services Offered:* • Software Products

**Information Unlimited Software Inc. (IUS)**

Now: Sorcim/IUS Division Of Computer Associates International, Inc.

**Inforonics Inc.**

550 Newton Road  
Littleton, CO 80146  
(617) 486-8976

**Inforware Systems, Inc. (ISI)**

7330-H South Alton Way  
Englewood, CO 80112  
(303) 740-6071

Ronald Winkler, President

Private

Total Sales FYE 12/81: \$500,000 Est.

*Computer Services Offered:* • Turnkey Systems

**Infoservices, Inc.**

*See: SCS/Compute, Inc.*

**Infotec Development Inc.**

5402 Bolsa Ave  
Huntington Beach, CA 92649  
(714) 891-5851

Fernando Niebla, President

Private

Total Sales FYE 10/82: \$4,100,000

Cptr. Svcs. Revs. FYE 10/82: \$2,750,000

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Infotechs, Inc.**

*See: Computone Systems Incorporated*

**Innosys, Inc.**

*Name Changed To: E/Soft Incorporated*

**Innova Systems Inc.**

*Name Changed To: Decisions Development Inc.*

**Innovation Data Processing, Inc.**

970 Clifton Avenue  
Clifton, NJ 07013  
(201) 777-1940

Anthony J. Mazzone, President

Private

Total Sales FYE 5/83: \$7,500,000 Est.

*Computer Services Offered:* • Software Products

**Innovative Software, Inc.**

9300 W. 110th Street, Suite 380  
Overland Park, KS 66212  
(913) 383-1089

Michael J. Brown, President

Public

Total Sales FYE 6/84: \$2,332,000

*Computer Services Offered:* • Software Products

**Innovative Systems, Inc.**

341 Fourth Avenue  
Pittsburgh, PA 15222  
(412) 391-2364

Robert Colonna, President

Private

Total Sales FYE 7/84: \$2,000,000 Est.

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

## Directory of Computer Services Companies

**Input Output Computer Services**

400 Totten Pond Road  
Waltham, MA 02154  
(617) 890-2299  
Thomas Farrington, President  
Private  
Total Sales FYE 6/83: \$14,000,000 Est.  
Computer Services Offered: • Professional Services

**Input Services, Inc.**

2675 Cumberland Parkway, N.W., Suite 175  
Atlanta, GA 30339  
(404) 432-0107  
Albert H. Wiggins, President  
Private  
Total Sales FYE 6/84: \$2,100,000  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**Input Systems Inc.**

16308 Orange Avenue  
Paramount, CA 90723  
(213) 634-1170  
Harley D. Hancock, President  
Private

**Insight Software Systems**

See: Insight Software Systems, Ltd.

**Insight Software Systems, Ltd.**

## SUBSIDIARIES:

**Insight Software Systems**

One No. Broadway  
White Plains, NY 10601  
(914) 682-4910  
Frank Melly, President  
Private  
Total Sales FYE 12/83: \$5,000,000 Est.  
Computer Services Offered: • Software Products

**Inslaw, Inc.**

1125 15TH St. N.W., Ste. 600  
Washington, DC 20005  
(202) 828-8600  
William A. Hamilton, President  
Private  
Total Sales FYE 9/83: \$7,800,000  
Cptr. Svcs. Revs. FYE 9/83: \$7,200,000  
Computer Services Offered: • Processing • Software  
Products

**Insoft**

See: O'Tech Group Inc.

**Intacom, Inc.**

Acquired/merged with: Comdata Network, Inc.

**Instant Software, Inc.**

Elm St  
Peterborough, NH 03458  
(603) 924-9471  
Wayne Green, President  
Computer Services Offered: • Software Products

**Institute for Software Engineering (ISE)**

See: Boole & Babbage, Inc.

**Institute of Modern Procedures**

1025 Vermont Ave. N.W.  
Washington, DC 20005  
(202)393-6210  
Computer Services Offered: • Processing • Professional  
Services

**Institutional Networks Corporation  
(INSTINET)**

122 East 42nd Street, Suite 1001  
New York, NY 10168  
(212) 490-9090  
William A. Lupien, President and CEO  
Public  
Total Sales FYE 12/83: \$4,545,982  
Cptr. Svcs. Revs. FYE 12/83: \$4,102,000  
Computer Services Offered: • Processing

**Insurance Data Processing Inc.**

See: Marsh & McLennan

**Insurance Data Systems**

P.O. Box 90306 Suite 705  
Pasadena, CA 91109  
(213) 681-6746  
Paul Tritt, President  
Private

**Insurance Information, Inc.**

2300 Peachford Drive, Suite 1265  
Atlanta, GA 30338  
(404) 457-8744  
Mac Purdy, President  
Private  
Total Sales FYE 9/83: \$900,000 Est.  
Computer Services Offered: • Professional Services •  
Turnkey Systems

**Insurance Logistics Automated Systems**

321 Third Street, S.E.  
Cedar Rapids, IA 52407  
(319) 365-8691

**Insurance Network Systems, Inc.**

5118 North 56th Street  
Tampa, FL 33610  
(813) 621-6069  
A. Allan Machesney, President  
Private  
Total Sales FYE 9/84: \$1,000,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services

**Insurance Processing Services Inc.**

Name changed to: NUCO Systems, Inc.

**Insurance Publishing and Computers, Inc.**

See: Computone Systems Incorporated

**Insurance Servicing & Information  
Systems Corp.**

451 Hungerford Dr., Ste 301  
Rockville, MD 20850  
(301) 251-9767  
George A. Mann, President  
Private  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

## Directory of Computer Services Companies

**Insurance Systems Inc.**

18900 Teller Ave.  
Irvine, CA 92715  
(714) 752-0875  
Loren Parsons, President  
Private

**Insurnet, Inc.**

See: Quotron Systems Inc. & Continental Corporation

**Integon Computer Corporation**

See: Integon Corporation

**Integon Corporation**

## SUBSIDIARIES:

**Integon Computer Corporation**

500 West 5th St.  
Winston-Salem, NC 27102  
(919) 725-7261  
J. Bill King, President

**Integral Business Computing, Inc.**

25834 Narbonne Avenue  
Lomita, CA 90717  
(213) 539-0530  
Thomas K. Moch, President  
Private  
Total Sales FYE 6/84: \$1,500,000  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

**Integral Software Services**

1104 Montgomery St.  
San Francisco, CA 94133  
(415) 788-1354  
Paul T. Mauriello, President

**Integral Systems, Inc.**

165 Lennon Lane  
Walnut Creek, CA 94598  
(415) 939-3900  
David A. Duffield, President  
Private  
Total Sales FYE 12/83: \$8,500,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services

**Integrated Automation Inc.**

1745 Tullie Circle, NE  
Atlanta, GA 30329  
(404) 325-8100  
Huey P. Duncan, President  
Private  
Total Sales FYE 12/81: \$1,500,000 Est.  
Computer Services Offered: • Professional Services •  
Turnkey Systems

**Integrated Business Systems, Inc.**

20575 Center Ridge Rd Suite 127  
Rocky River, OH 44116  
(216) 356-0500  
Daniel Langenwalter, President

**Integrated Business Methods Inc. (IBMI)**

2133 Wisconsin Avenue N.W.  
Washington, DC 20007  
(202) 965-5015  
G.M. DuFour, President  
Private

**Integrated Computer Applications**

1574 Old York Road  
Abington, PA 19001  
(215) 657-7409  
John Christiansen, President  
Private  
Total Sales FYE 12/84: \$500,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

**Integrated Computer Systems, Inc.**

See: International Computer Systems, Inc.

**Integrated Computer Software, Inc.**

65 Broadway  
New York, NY 10006  
(212) 514-7797  
William White, President  
Private  
Total Sales FYE 12/83: \$735,000  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**Integrated Computer Systems, Inc.**

215 East Waterloo Road  
Akron, OH 44319  
(216) 773-9127  
A. Williams, President  
Private  
Computer Services Offered: • Turnkey Systems

**Integrated Microcomputer Systems, Inc.**

5320 Marinelli Road  
Rockville, MD 20852  
(301) 984-8434  
John Yeh, President  
Private  
Total Sales FYE 9/84: \$6,000,000 Est.  
Computer Services Offered: • Processing • Professional  
Services

**Integrated Office Concepts Inc.**

333 Broadway  
Denver, CO 80203  
(303) 777-6831  
Dan Stein, President  
Private  
Total Sales FYE 7/82: \$1,000,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services

**Integrated Planning**

93 Massachusetts, Ste 212  
Boston, MA 02115  
Total Sales FYE 7/82: \$1,000,000 Est.  
Computer Services Offered: • Software Products



## Directory of Computer Services Companies

**Integrated Software Systems Corporation (ISSCO)**

10505 Sorrento Valley Road  
San Diego, CA 92121  
(619) 452-0170  
Peter Preuss, President  
Public  
Total Sales FYE 12/83: \$24,177,000  
Computer Services Offered: • Software Products

## SUBSIDIARIES:

**AUI Data Graphics, Inc.**

600 Maryland Avenue, S.W. Third Floor  
Washington, DC 20024  
(202) 484-6420  
Alan Pallier, President  
Computer Services Offered: • Software Products

**Integrated Systems Group, Inc.**

920 East Broadway  
Glendale, CA 91205  
(818) 502-1414  
Charles A. Archer, President  
Private  
Total Sales FYE 10/84: \$7,000,000 Est.  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**Integrated Systems Management**

2515 Camino Del Rio, South Suite 344  
San Diego, CA 92108  
(619) 299-5581  
Thomas Bilby, President  
Private  
Total Sales FYE 6/82: \$400,000  
Computer Services Offered: • Processing • Software Products • Professional Services

**Integrity Solutions, Inc.**

6470 South Quebec Street  
Englewood, CO 80111  
(303) 694-0214  
V Jerome Nickerson, President  
Private  
Total Sales FYE 12/83: \$1,000,000 Est.  
Computer Services Offered: • Software Products

**Intellectron Incorporated**

6711 Valjean Avenue  
Van Nuys, CA 91406  
(213) 988-5670  
William C. Clauer, President  
Public  
Total Sales FYE 12/83: \$3,200,000  
Computer Services Offered: • Processing

**IntelliCorp**

707 Laurel Street  
Menlo Park, CA 94025  
(415) 328-4870  
Ralph Kromer, President  
Public  
Total Sales FYE 6/84: \$2,075,866  
Computer Services Offered: • Processing • Software Products • Turnkey Systems

**Intellidata Incorporated**

510 South Mathilda Avenue, Suite 12  
Sunnyvale, CA 94086  
(408) 732-4433  
Ronald J. Carpenter, President  
Private  
Total Sales FYE 6/84: \$200,000  
Computer Services Offered: • Software Products • Turnkey Systems

**Intelligence Interlink Corporation**

220 East 42nd St  
New York, NY 10017  
(212) 599-3444  
W. Robert Widener, President  
Computer Services Offered: • Professional Services • Turnkey Systems

**Intelligent Computer Systems Inc.**

## DIVISIONS:

**Adcom**

540 Madison Ave.  
New York, NY 10022  
(212) 752-5600  
Jeff Toffler, President  
Total Sales FYE 12/82: \$500,000 Est.  
Computer Services Offered: • Software Products • Turnkey Systems

**Intelligent Industrial Systems Inc**

1 Harmon Plaza  
Secaucus, NJ 07094  
(201) 865-6550  
Computer Services Offered: • Professional Services

**Intelligent Systems Corp.**

225 Technology Drive  
Norcross, GA 30092  
(404) 449-5961  
J. Leland Strange, President  
Public  
Total Sales FYE 3/84: \$90,076,000  
Cptr. Svcs. Revs. FYE 3/84: \$3,200,000 Est.  
Computer Services Offered: • Software Products • Turnkey Systems

## SUBSIDIARIES:

**Quadram Corporation**

Otis Jones, General Manager

## SUBSIDIARIES:

**Quadssoft, Inc.**

4355 International Boulevard  
Norcross, GA 30093  
(404) 926-6666  
Daniel Younkens, General Manager  
Computer Services Offered: • Software Products

**Intellimac Inc.**

6001 Montrose Rd, 6th Fl  
Rockville, MD 20852  
(301) 984-8000  
Computer Services Offered: • Software Products

## Directory of Computer Services Companies

**Inter Systems, Inc.**

7630 Little River TRPK  
Annandale, VA 22003  
(703) 241-0100  
C. Lindsay Wang, PH.D., President  
Private

**Inter-Care**

*Name Changed To: Far West Systems, Inc.*

**Intera Environmental Consultants, Ltd.**

400, 7015 MacLeod Trail, SW  
Calgary, AB T2H1X  
(403) 264-5112  
Private

**Interactive Applications, Inc.**

2316 Walsh Avenue Suite 103  
Santa Clara, CA 95051  
(408) 727-8161  
David E. Nelson, President  
Private  
Total Sales FYE 12/84: \$500,000 Est.  
Computer Services Offered: • Processing • Professional Services

**Interactive Computer Enterprises Inc.**

15951 Los Gatos Boulevard, Suite 17  
Los Gatos, CA 95030  
(408) 358-3425  
Ron Charters, President  
Private  
Total Sales FYE 1/84: \$800,000  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**Interactive Computer Modelling Inc.**

Lakeside Plaza, Ste B 2250 Murrel Rd  
Lynchburg, VA 24503  
(804) 846-3824  
Lawrence L. Barinka, President  
Computer Services Offered: • Software Products

**Interactive Data Corporation**

*See: Chase Manhattan Bank, N.A.*

**Interactive Data Services, Inc.**

*See: Chase Manhattan Bank, N.A.*

**Interactive Elements Inc.**

76 Beaver St.  
New York, NY 10005  
(212) 425-6220  
Ely Gilbert, President  
Private

**Interactive Information Systems, Inc.**

Route 8, Box 7021  
Tucson, AZ 85748  
(602) 323-1813  
Kim A. Sheridan, President  
Private  
Total Sales FYE 4/82: \$5,000,000 Est.  
Computer Services Offered: • Software Products • Turnkey Systems

**Interactive Information System Inc.**

*See: NSA, Inc.*

**Interactive Logic Inc.**

645 Madison Ave  
New York, NY 10022  
(212) 752-4810  
Computer Services Offered: • Software Products

**Interactive Management Systems Corp.**

3700 Galley Road  
Colorado Springs, CO 80909  
(303) 574-5050  
William C. Veneris, President  
Private

**Interactive Marketing Systems (IMS)**

19 West 44th Street  
New York, NY 10036  
(212) 869-8810  
Leon H. Liebman, Chairman  
Private  
Total Sales FYE 12/84: \$8,000,000 Est.  
Computer Services Offered: • Processing • Professional Services

**Interactive Minicomputer Systems, Inc.**

303 Wyman St.  
Waltham, MA 02154  
(617) 890-2098

**Interactive Software Systems Inc.**

PO Box 3314  
Englewood, CO 80155  
(303) 294-0932  
Randolph J. Reece, President  
Private  
Total Sales FYE 12/82: \$400,000  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**Interactive Software, Inc.**

750 North St. Paul, Suite 670  
Dallas, TX 75206  
(214) 969-7460  
John P. Castleman, Jr., President  
Private

Total Sales FYE 12/84: \$500,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services

**Interactive System Corporation**

5500 Sycamore Street  
Littleton, CO 80120  
(303) 797-2400  
Dean Lucas, President  
Public  
Total Sales FYE 12/82: \$800,000  
Computer Services Offered: • Software Products • Turnkey Systems

**INTERACTIVE Systems Corporation**

1212 Seventh St  
Santa Monica, CA 90401  
(213) 450-8363  
Tom Cull, President  
Private  
Total Sales FYE 5/82: \$10,300,000  
Cptr. Svcs. Revs. FYE 5/82: \$6,500,000  
Computer Services Offered: • Software Products

## Directory of Computer Services Companies

**Interactive Technology Inc.**

1225 N.W. Murray Rd. Suite 103  
Portland, OR 97229  
(503) 644-0111  
Peter H. Mackie, President  
Private

**Interactive, Incorporated**

9787 Aero Drive, Suite A  
San Diego, CA 92123  
(619) 560-8525  
Robert C. Vernon, President  
Private  
Total Sales FYE 9/84: \$3,400,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**Intercomp**

*Merged with: Scientific Software Corporation*

**Intercontinental Computing, Inc.**

*See: Citicorp*

**Interdata**

*See: Perkin-Elmer Corporation*

**Interfinancial Data Systems**

3290 Northside Parkway  
Atlanta, GA 30327  
(404) 261-9026  
George C. McKinney, Director  
Private

**Intergraph Corporation**

One Madison Industrial Park  
Huntsville, AL 35807  
(205) 772-2000  
James W. Meadlock, Chairman and President  
Public  
Total Sales FYE 12/83: \$252,014,000  
Cptr. Svcs. Revs. FYE 12/83: \$220,500,000  
*Computer Services Offered:* • Professional Services •  
Turnkey Systems

**Intermetrics, Inc.**

733 Concord Avenue  
Cambridge, MA 02138  
(617) 661-1840  
John E. Miller, President  
Public  
Total Sales FYE 2/84: \$34,951,753  
*Computer Services Offered:* • Professional Services •  
Turnkey Systems

**Intermountain Health Care, Inc.**

36 S State St.  
Salt Lake City, UT 84111  
(801) 533-8202  
*Computer Services Offered:* • Turnkey Systems

**International Business Computing Corporation**

601 West Oakland Park Blvd.  
Fort Lauderdale, FL 33311  
(305) 563-5941  
J.M. Carlson, President  
Private

**International Business Machines**

Armonk, NY 10504  
(914) 765-1900  
John F. Akers, President  
Public  
Total Sales FYE 12/83: \$40,180,000,000  
Cptr. Svcs. Revs. FYE 12/83: \$3,100,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**DIVISIONS:****IBM Information Network**

51 Weaver Street  
Greenwich, CT 06830  
(203) 629-2023  
James M. Hewitt, General Manager  
*Computer Services Offered:* • Processing

**International Business Services Inc.**

1090 Vermont Ave. N.W.  
Washington, DC 20005  
(202) 789-5200  
Marion O. Greene, President  
Private  
Total Sales FYE 9/82: \$12,000,000  
Cptr. Svcs. Revs. FYE 9/82: \$10,000,000  
*Computer Services Offered:* • Processing • Professional  
Services • Turnkey Systems

**International Computaprint Corporation**

*See: Reed Holdings*

**International Computer Sciences, Inc.**

46 Park Rd.  
Tinton Falls, NJ 07724  
(201) 531-9200  
W.W. Smith, President

**International Computer Technology (ICT) Corporation**

17 Hill St.  
Mill Valley, CA 94941  
(415) 788-5277  
Howard Bromberg, President  
Private

**International Computer Resources**

411 West Putnam Ave.  
Greenwich, CT 06830  
(203) 622-1211  
Roger Rhee, President  
Private

**International Computer Systems, Inc.**

215 East Waterloo Road  
Akron, OH 44319  
(216) 773-9127  
Arthur Williams, President  
Private  
Total Sales FYE 7/84: \$859,000  
*Computer Services Offered:* • Processing

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Integrated Computer Systems, Inc.**

215 East Waterloo Road  
Akron, OH 44319  
(216) 773-9127  
Arthur Williams, President  
*Computer Services Offered:* • Processing • Software  
Products • Turnkey Systems

**International Computers Ltd.**

## SUBSIDIARIES:

**ICL, Inc.**

One Turnpike Plaza 197 Highway 18  
East Brunswick, NJ 08816  
(201) 246-3400  
R.A. Bright, President

**International Computing Systems, Inc.**

1850 N Greenville St. 100  
Dallas, TX 75081  
(214) 699-1384

**International Computing System**

PO Box 343  
Hopkins, MN 55343  
(612) 933-3933  
Richard A. Olsen, President  
*Computer Services Offered:* • Processing

**International Data Processing, Inc.**

76 Floral Avenue  
Murray Hill, NJ 07974  
(201) 635-1790  
Marshall D. Clary, Chairman and President  
Private  
*Computer Services Offered:* • Processing • Professional  
Services

**International Data Services, Inc.**

1020 Stewart Drive  
Sunnyvale, CA 94086  
(408) 738-3368

**International Data Systems**

4141 N. Miami Avenue  
Miami, FL 33127  
(305) 576-1950  
Donald Gache, President  
Private

**International Environment Research, Inc.  
(IER)**

1916 Old Middlefield Way  
Mountain View, CA 94043  
(415) 968-2685  
Edwin Blue, President  
Private  
Total Sales FYE 12/83: \$750,000 Est.  
*Computer Services Offered:* • Processing • Professional  
Services

**International Management Systems  
Corporation**

4676 Admiralty Way  
Marina Del Rey, CA 90291  
(213) 822-2022  
Jerry Plier, President  
Private

**International Market Resources Services**

38 Garden Rd.  
Wellesley, MA 02181  
(617) 235-8830  
Michael W. Rohrbach, President  
Private

**International Mathematical & Statistical  
Libraries, Inc.**

7500 Bellaire Blvd. Sixth Floor  
Houston, TX 77036  
(713) 772-1927  
Walton C. Gregory, Ph.D., President  
Private

**International Medical Statistics**

## SUBSIDIARIES:

**Pharmacon**

2301 Avenue J  
Arlington, TX 76011  
(817) 469-2411  
John F. Watters, President  
Total Sales FYE 12/82: \$14,927,000  
*Computer Services Offered:* • Processing • Turnkey  
Systems

**International Micro Systems Inc.**

6445 Metcalf  
Shawnee Mission, KS 66202  
(913) 677-1137  
William N. Watson, President  
Private  
Total Sales FYE 8/81: \$600,000  
*Computer Services Offered:* • Software Products • Turnkey  
Systems

**International Programming Labs**

See: IPL, Inc.

**International Systems, Inc.**

*Merged with Atlantic Management Systems to form: AGS  
Management, Inc.*

**International Telecontrol Corporation**

P.O. Box 95  
Edgemont, PA 19028  
(215) 353-3232  
William Fary, President  
Private

**International Telephone and Telegraph**

See: ITT

**Interpac Software International**

## SUBSIDIARIES:

**Interpac Software, Inc.**

1830 Lincoln Blvd, Ste 101 Suite 110  
Santa Monica, CA 90404  
(213) 450-7221  
Rolf Kessel, President  
Private

## Directory of Computer Services Companies

### Interpac Software, Inc.

See: Interpac Software International

### Interpretive Data Systems

See: Interpretive Data Systems Inc.

### Interpretive Data Systems

1500 Shellburne Road P.O. Box 1070

So Burlington, VT 05402

(802)862-1022

Richard E Tarrant, President

Private

Total Sales FYE 6/82: \$6,500,000 Est.

Computer Services Offered: • Processing • Professional Services • Turnkey Systems

#### SUBSIDIARIES:

### Interpretive Data Systems

882 Commonwealth Avenue

Boston, MA 02215

(617) 566-6800

Computer Services Offered: • Processing • Professional Services

### Interprocess Systems, Inc.

6065 Roswell Road, NE, Suite 608

Atlanta, GA 30328

(404) 257-1110

Gordon Chamberlain, President

Private

Total Sales FYE 7/84: \$500,000 Est.

Computer Services Offered: • Software Products

### Interscience Inc.

#### SUBSIDIARIES:

### Datalogics Inc.

11001 Cedar Avenue

Cleveland, OH 44106

(216) 229-1300

Benson P. Lee, President

### Interstate Business Services

See: Lumberman's Mutual Insurance

### Interstate Computing & Software

Name Changed To: Integrated Computer Applications

### Interstate Computing Inc.

3225 Danny Parkway

New Orleans, LA 70002

(504) 455-7711

Daniel A. Ellis, President

Public

### Intersystems Software Inc.

42 Manors Dr.

Jericho, NY 11753

(201) 871-4085

J. Moskowitz, President

Private

### Intertec Diversified Systems, Inc.

2625 Park Boulevard

Palo Alto, CA 94306

(415) 326-8900

Frank Grice, President

Private

Total Sales FYE 12/84: \$5,000,000 Est.

Computer Services Offered: • Processing • Software Products

### Intertel Inc.

6 Shattuck Rd

Andover, MA 01810

(617)618-0600

Computer Services Offered: • Software Products • Turnkey Systems

### Intimate Services

P.O. Box 430

Chapel Hill, NC 27514

(919) 929-0413

W.H. Kuralt, President

Private

### Introdata

990 Bay Street

Mountain View, CA 94040

(415)969-2845

Private

### Investment Computer Services Inc

1129 Francis Pl

St Louis, MO 63117

(314)721-0635

Computer Services Offered: • Processing • Software Products

### ISIS Systems, Inc.

50 Church St.

Cambridge, MA 02138

(617) 354-6900

Arnold Amstutz, President

Private

### Ithaca Intersystems Inc.

1650 Hanshaw Road

Ithaca, NY 14850

(607) 257-0190

### J.M.S. and Associates

22180 West Nine Mile Road

Southfield, MI 48075

(313) 353-4860

Joseph M. Salvia, President

Private

### JBA Pty. Ltd.

#### SUBSIDIARIES:

### Johnston, Brown & Associates, Inc. (JBA)

475 14th Street, Suite 1200

Oakland, CA 94612

(415) 827-4440

(415) 891-9444, President

Private

Total Sales FYE 6/84: \$1,500,000 Est.

Computer Services Offered: • Software Products • Professional Services

## Directory of Computer Services Companies

**JBS Associates, Inc.**

1 Cupshaw Plaza  
Ringwood, NJ 07456  
(201) 962-9000  
Robert B. Wener, President  
Private  
Total Sales FYE 12/82: \$4,500,000 Est.  
*Computer Services Offered:* • Processing

**JCI Data Processing Inc.**

Suburban Station Building 1617 JFK Blvd. #1620  
Philadelphia, PA 19103  
(215) 972-7650  
Victor L. Johnson, President  
Private

**JEM Associates**

459 Carlisle Dr.  
Herndon, VA 22070  
(703) 471-9550  
*Computer Services Offered:* • Software Products

**JES, Inc.**

431 Isum, Ste 206  
San Antonio, TX 78216  
(512) 690-1458  
Joseph Smith, President  
Private

**JHL Services**

1216 Twin Springs Dr  
Brentwood, TN 37027  
(615) 794-8847  
Jim Holloman, President

**JL Consulting Services, Inc.**

8700 Indian Creek Pkwy  
Overland Park, KS 66210  
(913) 648-8210  
*Computer Services Offered:* • Software Products

**JMI Software Consultants**

*See:* Vanguard Management Corporation

**JMP Associates**

311 Maple Ave. W Suite G  
Vienna, VA 22180  
(703) 281-7020

**JRB Associates, Inc.**

*See:* Science Applications International Corporation

**JSK Consultants**

147-46 Village Rd.  
New York, NY 11435  
(212) 380-2887

**Jackson Seismic Processing, Inc.**

134 East Amite St  
Jackson, MS 39201  
(601) 354-1371  
Earl E. Chamley, Jr., President  
*Computer Services Offered:* • Processing

**Jacobs, Thomas L. & Associates**

222 W. Adams Street  
Chicago, IL 60606  
(312) 346-0155  
Thomas L. Jacobs, President  
Private  
Total Sales FYE 7/84: \$750,000 Est.  
*Computer Services Offered:* • Professional Services

**Jacobsen & Associates**

10229 Lower Azusa Rd.  
Temple City, CA 91780  
(213) 575-7504  
Kenneth R. Jacobsen, President  
Private  
Total Sales FYE 10/81: \$2,500,000  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**Jacoby & Co., Inc.**

Gwynedd Plaza Bethlehem Pike  
Springhouse, PA 19477  
(215) 638-8880

**James, Fred S. and Company**

*See:* Transamerica Corp.

**Jason Data Services**

24871 Pylos Way  
Mission Viejo, CA 92691  
(714) 770-7789  
Jay Hanson, President  
Private

**Jayanel Computer Services**

1054 Clifton Avenue  
Clifton, NJ 07015  
(201) 474-2545  
Leonard Zawalski, President  
Private

**Jefferson Financial Systems, Inc.**

5245 W. Lawrence Avenue  
Chicago, IL 60630  
(312) 777-8600

**Jini Micro-Systems, Inc.**

PO Box 274 Kingsbridge Stn  
Riversdale, NY 10463  
(212) 796-6200  
*Computer Services Offered:* • Software Products

**Jobnet, Inc.**

10 DeAngelo Dr  
Bedford, MA 01730  
(617) 275-3010  
Private  
*Computer Services Offered:* • Processing

**John Blair & Co.**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**ADVO Systems Inc.**

239 W. Service Road  
Hartford, CT 06101  
(203) 525-9101  
John A. Valentine, President  
Total Sales FYE 12/82: \$62,000,000 Est.  
Cptr. Svcs. Revs. FYE 12/83: \$57,500,000 Est.  
*Computer Services Offered:* • Processing

**John Hancock Subsidiaries, Inc.**

## SUBSIDIARIES:

**Hancock-Dikewood Services Inc.**

1009 Bradbury Drive S.E.  
Albuquerque, NM 87106  
(505) 243-9781  
Walter D. Wood, Ph.D., President  
Cptr. Svcs. Revs. FYE 12/83: \$5,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Johnson Computing Inc.**

*See:* Provident National Bank

**Johnson Systems, Inc.**

*Acquired/Merged With:* Computer Associates International, Inc.

**Johnston, Brown & Associates, Inc. (JBA)**

*See:* JBA Pty. Ltd.

**Jones/Hosplex Systems, Inc.**

2 Park Avenue  
New York, NY 10016  
(212) 725-5818  
Robert Pagnotta, President  
Public  
Total Sales FYE 12/84: \$2,750,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**K & H Computer Systems, Inc.**

P.O. Box 4 92 Woodport Road  
Sparta, NJ 07871  
(201) 729-6142  
Sam Phelan, President  
Private

**K & S Data Services, Inc.**

3535 S. Broadway  
Los Angeles, CA 90007  
(213) 232-0455  
William E. Kavan, President  
Private  
*Computer Services Offered:* • Processing

**KBM**

*Name Changed to:* Media Services Inc./3M

**KDB Systems, Inc.**

6303 S Rural Rd  
Tempe, AZ 85283  
(602) 838-3030  
Kendall Johnson, President

**KDK Enterprises, Inc.**

1491 Chain Bridge Rd, Ste 302  
McLean, VA 22101  
(804) 893-7883  
*Computer Services Offered:* • Software Products

**KGA Engineering Inc.**

655 W Irving Park Rd  
Chicago, IL 60611  
(312) 477-8181  
*Computer Services Offered:* • Software Products

**KMS Industries**

## SUBSIDIARIES:

**Walden Management Services**

3941 Research Park Dr.  
Ann Arbor, MI 48106  
(313) 769-1100  
R.A. Olsen, President  
Private

**K.H. Little, Inc.**

2 Linden St., Ste. 101  
Reading, MA 01867  
(617) 944-2669  
Kenneth H. Little, President  
Private  
*Computer Services Offered:* • Professional Services

**Kaiser, M.A. & Associates**

15 Spinning Wheel  
Hinsdale, IL 60521  
(312) 789-3390  
Michael Kaiser, President

**Kalb Voorhis**

## DIVISIONS:

**Qestrion Research**

## SUBSIDIARIES:

**Brokerage Software Systems, Inc.**

c/o Mansfield Stock Chart Svcs 26 Journal Square  
Jersey City, NJ 07306  
(201) 795-0629  
Edward Bowman, President  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Kaman Corporation**

## SUBSIDIARIES:

**Kaman Sciences Corporation**

1500 Garden of the Gods  
Colorado Springs, CO 80907  
(303) 599-1500  
Albert Bridges, Ph.D., President

**Kaman Sciences Corporation**

*See:* Kaman Corporation



## Directory of Computer Services Companies

### Kanawha Valley Data Control, Inc.

See: Ohio Valley Data Control, Inc.

### Kaneb Services, Inc.

P.O. Box 4557  
Houston, TX 77210  
(713) 490-5000

#### SUBSIDIARIES:

#### Corporate Insurers Limited (CIL)

#### DIVISIONS:

#### Fields Financial Services

3608 E. 29th Street  
Bryan, TX 77802  
(409) 260-9665  
Mike M. Perrone, III, President  
*Computer Services Offered:* • Processing

### Kansas City Southern Industries, Inc.

#### SUBSIDIARIES:

#### DST Systems, Inc.

1004 Baltimore Avenue  
Kansas City, MO 64105  
(816) 221-5545  
Thomas A. McDonnell, President  
Public  
Total Sales FYE 12/83: \$48,982,000  
Cptr. Svcs. Revs. FYE 12/83: \$35,632,000  
*Computer Services Offered:* • Processing

### Kappa Systems Inc.

See: Wilson Management Systems and Technology Group

### Kasler Computer Services Division

See: Kasler Corporation

### Kasler Corporation

#### DIVISIONS:

#### Kasler Computer Services Division

27400 E. 5th Street, Box 387  
San Bernardino, CA 92402  
(714) 884-4811  
Robert A. Isakson, Manager

### Kates Computers

PO Box 1675  
Sausalito, CA 94965  
(415) 332-9434  
Dan Brindle, Partner  
*Computer Services Offered:* • Software Products

### Keane, Inc.

210 Commercial Street  
Boston, MA 02109  
(617) 742-5210  
John F. Keane, President  
Public  
Total Sales FYE 12/83: \$20,875,383  
*Computer Services Offered:* • Processing • Software Products • Professional Services

### Kearney, A.T.

222 S Riverside Plaza  
Chicago, IL 60606  
(312) 648-0111  
Fred Steingraber, Chief Operating Officer  
Private  
*Computer Services Offered:* • Professional Services

### Kearns, Robert J., Inc.

39 Montgomery Road P.O. Box 96  
Montgomery, IL 60538  
(312) 896-9791  
Robert J. Kearns, Owner  
Private  
Total Sales FYE 11/83: \$1,200,000 Est.  
*Computer Services Offered:* • Processing

### Kebert Corporation

5050 Quorum, Ste 348  
Dallas, TX 75240  
(214) 233-8356  
Private  
*Computer Services Offered:* • Processing • Software Products

### Kemp Furniture Industries, Inc.

#### SUBSIDIARIES:

#### Wayne Computer Center Inc.

622 South George St PO Box 2087  
Goldsboro, NC 27530  
(919) 735-0789  
Anthony W. Parker, President  
Total Sales FYE 12/81: \$2,000,000  
*Computer Services Offered:* • Processing • Turnkey Systems

### Kencom, Inc.

See: Kirchman Corporation

### Kennedy & Coe

See: Kennedy and Coe Certified Public Accountants

### Kennedy and Coe Certified Public Accountants

#### DIVISIONS:

#### Kennedy & Coe

Box 1179 United Building  
Salina, KS 67401  
(913) 825-1561  
R. Michael Beatty, Partner  
Total Sales FYE 9/81: \$1,900,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

## Directory of Computer Services Companies

**Kentron International Inc.**

1700 Pacific Avenue  
Dallas, TX 75201  
(214) 969-0600

Philip R. Cowan, President  
Public

Total Sales FYE 12/83: \$92,740,000

Computer Services Offered: • Processing • Software  
Products • Professional Services

**Ketabular Processing Company**

See: Scientific Computers Inc.

**Key Data Services Inc.**

See: DataLift Corporation

**Key Entry Inc.**

See: Capitol Bancorporation

**Key Financial Systems Inc.**

P O Box 625 Number 44, Route 46  
Upper Montclair, NJ 07058

(201) 227-8800  
James R. Sharkley, Jr., President  
Private

**Key Management Inc.**

5201 Eden Circle, Suite 200  
Edina, MN 55436

(612) 920-3781  
Michael Snyder, CEO

Private

Total Sales FYE 12/84: \$2,000,000 Est.

Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**Key Systems Inc.**

16 Ocean East  
Marathon, FL 33050  
(305) 743-5890

Richard T. Lilly, President

**Key-Data Associates, Inc.**

See: National Business Systems, Inc.

**Key-Matic Corporation**

1961 Morris Ave.  
Union, NJ 07083  
(201) 964-0393

Thomas Scalea, President

Private

**Keydata Corporation**

108 Water Street  
Watertown, MA 02172  
(617) 924-1200

Robert M. Bienkowski, Chairman and President

Public

Total Sales FYE 7/83: \$5,846,596

Computer Services Offered: • Processing

**Keydata Systems Inc.**

4318 Hamilton Drive Suite 105  
Hyattsville, MD 20781  
(301) 699-8466

Computer Services Offered: • Processing • Software  
Products

**Keypunch & Systems Support, Inc.**

Name Changed To: Offshore Information Services, Inc.

**Keystone Computer Associates Inc.**

1055 Virginia Drive  
Fort Washington, PA 19034  
(215) 634-3800

Leon E. Ellerson, President  
Private

Total Sales FYE 5/82: \$4,000,000

Computer Services Offered: • Software Products •  
Professional Services

**Kidd International Data Processing**

3180 Bladensburg Rd., N.E.  
Washington, DC 20018  
(202) 269-6250

Debbora Prince, President

Private

Total Sales FYE 12/83: \$900,000 Est.

Computer Services Offered: • Processing

**Kimbrough Computer Sales, Inc.**

3705 Kipling Avenue  
Wheatridge, CO 80033  
(303) 425-0663

Fred Hughes, President

Private

Total Sales FYE 6/81: \$1,500,000

Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

**Kipps Data Processing Inc.**

53 Broad St.  
Plattsburgh, NY 12901  
(518) 561-2380

Carol A. Kipp, President

**Kirby Computer Systems**

314 Rt 22  
Greenbrook, NJ 08812  
(201) 469-6000

Robert M. Kirby, President

Private

**Kirchman Corporation**

711 Semoran Boulevard  
Altamonte Springs, FL 32701  
(305) 831-3001

Kenneth P. Kirchman, President

Private

Total Sales FYE 3/84: \$45,000,000 Est.

Computer Services Offered: • Processing • Software  
Products • Turnkey Systems

## SUBSIDIARIES:

**Florida Software Services, Inc.**

711 East Altamonte Drive  
Altamonte Springs, FL 32701  
(305) 831-3001

Richard A. Wolfe, President

Computer Services Offered: • Software Products

**Kencom, Inc.**

P.O. Box 2269  
Orlando, FL 32802  
(305) 831-3001

Dan Welbaum, President

Computer Services Offered: • Professional Services

## Directory of Computer Services Companies

**Link X, Inc.**

711 East Altamonte Drive  
Altamonte Springs, FL 32701  
(305) 831-3001  
Bruce D. Carpenter, President  
*Computer Services Offered:* • Software Products • Turnkey Systems

**OMNI Resources, Inc.**

711 East Altamonte Drive  
Altamonte Springs, FL 32701  
(305) 831-3001  
Larry C. Prince, President  
*Computer Services Offered:* • Software Products

**Klaassen & Associates**

1001 Howard Avenue  
New Orleans, LA 70113  
(504) 524-6779

**KMega Technology**

1080 E. Duane Ave. Suite F  
Sunnyvale, CA 94086  
(408) 730-9200  
Keiji Muranaga, President

**Knuth Computer Services Inc**

4 Walnut Place  
Hubbard, OH 44425  
(216) 534-1481  
Joann K Knuth, President  
Private  
Total Sales FYE 7/82: \$250,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Kolons, A.J. & Associates**

P.O. Box 12581  
St. Louis, MO 63141  
(314) 576-7900  
A.J. Kolons, President  
Private

**Kor Data Systems Inc.**

290 N. Street, N.W.  
Grand Rapids, MI 49504  
(616) 363-7707  
John Highill, President  
Private

**Krell Software Corp**

21 Millbrook Dr  
Stoney Brook, NY 11790  
(516) 751-5139  
Marcia Friedland, President  
Private  
Total Sales FYE 3/83: \$750,000 Est.  
*Computer Services Offered:* • Software Products

**Krohm International, Ltd**

550 Stevenson Hwy  
Troy, MI 48084  
(313) 588-3011  
Gary Krohm, President  
Private  
Total Sales FYE 5/81: \$400,000 Est.  
*Computer Services Offered:* • Software Products

**Krown Computing**

See: Krown Enterprises

**Krown Enterprises****DIVISIONS:****Krown Computing**

1282 Conference Dr PO Box 66763  
Scotts Valley, CA 95066  
(408) 335-3133

*Computer Services Offered:* • Software Products

**L.N.K. Corporation**

302 Notley Court  
Silver Spring, MD 20904  
(301) 927-3223  
Dr. Laveen N. Kanal, Managing Director  
Private  
Total Sales FYE 12/84: \$750,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**LCS Data Processing Inc.**

420 Oakmead Parkway  
Sunnyvale, CA 94086  
(408) 738-2900  
Raymond E. Zazzi, President  
Private  
Total Sales FYE 12/81: \$2,800,000 Est.  
*Computer Services Offered:* • Processing

**LCS Industries, Inc.**

120 Brighton Road  
Clifton, NJ 07012  
Arnold J. Scheine, President  
Public  
Total Sales FYE 9/83: \$11,603,027  
Cptr. Svcs. Revs. FYE 9/83: \$6,613,700  
*Computer Services Offered:* • Processing

**LTI Consulting Services Inc.**

Merged into GEISCO's Professional Services subsidiary

**Labyrinth Systems, Ltd.**

11 Grace Ave  
Great Neck, NY 11021  
(516) 487-7766

**Laidlaw, Richard E. Inc.**

242 Pinewood Trail  
Trumbull, CT 06611  
(203) 378-2099  
Richard E. Laidlaw, President  
*Computer Services Offered:* • Software Products

**Lakeland Computing Service Inc.**

P.O. Box 220  
Fontana, WI 53125  
(414) 275-6871  
Jennifer Forbeck, President  
Private

## Directory of Computer Services Companies

**Lamda Systems Inc.**

PO Box 113  
Waterville, KS 66548  
(913)785-2606

**LAN Systems, Inc.**

2499 Rice Street Suite 240  
St. Paul, MN 55113  
(612) 483-5221

Keith A. Stuessi, President

Private

Total Sales FYE 12/84: \$1,100,000

*Computer Services Offered:* • Software Products • Professional Services

**Landart Systems, Inc.**

140 Cedar Street 2nd Floor  
New York, NY 10006  
(212) 227-6600

John Gilmour, President

Private

*Computer Services Offered:* • Processing • Professional Services

**Langenbacher Data Systems**

5100 Oakland  
St. Louis, MO 63110  
(314)531-7455

William B. Langenbacher, President

**Langston Kitch & Associates**

125 E. 2nd St.  
Wichita, KS 67202  
(316) 264-9185

Bob Langston, President

Private

**Language & Systems Development Inc.**

3121 Powder Mill Rd.  
Adelphi, MD 20783  
(301) 587-0050

Alfred Beam, President

Private

**Language Processors, Inc.**

254 Tapelo Road  
Belmont, MA 02178  
(617) 484-4744

Michael Schwartzman, President

Private

**Language Resources**

4885 Riverbend Rd  
Boulder, CO 80301  
(303)449-8087

Bruce Rauencel, President

Private

**Lantor Inc.**

8055 Manchester Ave.  
Playa Del Rey, CA 90291

## SUBSIDIARIES:

**Lantor Information Systems**

8055 Manchester Ave.  
Playa Del Rey, CA 90291  
*Computer Services Offered:* • Software Products

**Lantor Information Systems**

*See:* Lantor Inc.

**LARC Computing, Inc.**

339 S. San Antonio Rd.  
Los Altos, CA 94022  
(415)941-9310

**Latham Computer Center Inc.**

16 Maple Street  
Latham, NY 12110  
(518) 785-3333

Pat Trapasso, President

Private

**Latron Computer Systems, Inc.**

15 Whippoorwill Way  
Mountainside, NJ 07092  
(201) 654-8314

Thomas A. Gordon, President

Private

*Computer Services Offered:* • Processing • Professional Services

**Lavan Systems Inc.**

11 Hanover Square  
New York, NY 10005  
(212)344-0202

*Computer Services Offered:* • Software Products

**Lawgossier Brothers, Inc.**

## SUBSIDIARIES:

**Data Consultants Inc.**

1724 Lyter Drive  
Johnstown, PA 15905  
(814) 255-4137

Frederick B. Mickel, President

Public

Total Sales FYE 1/84: \$1,500,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services

**Lawn Data Corporation**

11601 S. Mayfield  
Worth, IL 60482  
(312) 597-2626

Glen Hayes, Vice President

Private

**Lawson Associates**

2021 Hennepin Avenue, East  
Minneapolis, MN 55413  
(612) 379-2633

Jerry Snyder, President

Private

Total Sales FYE 5/83: \$5,800,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Manufacturing and Systems Programming**

2021 Hennepin Ave. E.  
Minneapolis, MN 55413  
(612)379-2633

*Computer Services Offered:* • Software Products

**Leading Software Technologies Corp.**

See: Revco D.S., Inc.

**Learmonth & Burchett Management Systems Inc (LBMS)**

2800 North Loop, West, Suite 405  
Houston, TX 77092  
(713) 682-8530

Roger A. Learmonth, Director

Private

Total Sales FYE 4/84: \$1,000,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services

**Learning Company, The**

545 Middlefield, Ste. 170  
Menlo Park, CA 94025  
(415) 328-5410

Marcia Kline, President

Private

*Computer Services Offered:* • Software Products

**Leasing Consultants**

15 Furler St.  
Totowa, NJ 07512  
(201)785-9494

William Ward, Sr. Vice President

Total Sales FYE 7/81: \$850,000 Est.

*Computer Services Offered:* • Software Products

**Legal Accounting & Management Systems**

1830 West Olympic Blvd.  
Los Angeles, CA 90062  
(213) 487-6670

Jerry Bilinsky, President

Private

**Legal Data Systems, Inc.**

50 Franklin Street  
Boston, MA 02110  
(617) 426-1040

Leon Padell, President

Private

Total Sales FYE 3/84: \$3,500,000

*Computer Services Offered:* • Processing • Software Products

**Legler Systems Company**

23 Charles Hill Road  
Orinda, CA 94563  
(415) 254-1264

William S. Legler, President

**Letterex Communications Inc.**

11 Summit Ave  
Elmwood Park, NJ 07407  
(201)791-3007

**Level IV Products, Inc.**

32238 Schoolcraft Rd. Suite F4  
Livonia, MI 48154  
(313) 525-6200

Victor Andrews, President

Private

**Levi, Ray & Shoup Inc.**

2387 W. Monroe St  
Springfield, IL 62704  
(217) 793-3800

Richard Levi, President

Private

Total Sales FYE 12/82: \$6,000,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services

**Levis, J. Preston Regional Computer Center**

25875 Dixie Hwy.  
Perrysburg, OH 43551  
(419) 874-4315

John Esbin, Executive Director

**Libra Group**

*Acquired By National Data Corporation, Now: NDC Federal Systems, Inc.*

**Libra Programming, Inc.**

1954 East 7000 South Suite 301  
Salt Lake City, UT 84121  
(801)943-2084

William Maasberg, President

Private

**Lifboat Associates Inc.**

1651 Third Avenue  
New York, NY 10028  
(212) 860-0300

Tony Gold, President

Private

Total Sales FYE 12/82: \$15,000,000

*Computer Services Offered:* • Software Products

**Lifetree Software, Inc.**

411 Pacific Street, Suite 315  
Monterey, CA 93940  
(408) 373-4718

Peter Pirner, V.P.

Public

Total Sales FYE 7/84: \$2,000,000 Est.

*Computer Services Offered:* • Software Products

**Lime Trea Computer Systems, Inc.**

One Pennsylvania Plaza  
New York, NY 10001  
(212) 594-6172

**Lincoln Data Systems Inc.**

Park Ave. at Route 73  
Mapleshade, NJ 08052  
(609) 667-9344

William Mattison, President

Private

## Directory of Computer Services Companies

**Lincoln Land Software Systems, Inc.**

P.O. Box 2457  
Springfield, IL 62705  
(217) 522-1747

**Link Systems**

1640 19th St  
Santa Monica, CA 90405  
(213) 453-1851  
Hindy K Tolwin, President  
Private  
Total Sales FYE 7/82: \$750,000 Est.  
*Computer Services Offered:* • Software Products

**Link X, Inc.**

See: Kirchman Corporation

**LINKWARE Corp.**

77 Rumford Avenue  
Waltham, MA 02154  
(617) 894-9330  
Larry R. DeBoever, President  
Private  
Total Sales FYE 9/84: \$3,500,000 Est.  
*Computer Services Offered:* • Software Products

**Linton Shafer & Co.**

6 West Second St  
Frederick, MD 21701  
(301) 663-5122  
Donald C. Litton, Managing Partner  
Private  
Total Sales FYE 6/82: \$300,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Liocs Corporation**

2100 Clearwater Drive  
Oakbrook, IL 60521  
(312) 887-0420  
Michael B. Andelman, President  
Private

**List Processing Company, Inc.**

555 Water's Edge  
Lombard, IL 60148  
(312) 932-7000  
Larry Olson, President  
Private  
Total Sales FYE 5/84: \$4,500,000 Est.  
*Computer Services Offered:* • Processing • Software Products

**Listmark Computer Systems Inc.**

105 Oak Street  
Norwood, NJ 07648  
(201) 767-1730  
Howard J. Brook, President  
Private

**Little, Arthur D., Inc.**

Acorn Park  
Cambridge, MA 02140  
(617) 864-5770  
John F. Magee, President  
Public  
Total Sales FYE 12/83: \$192,478,000  
*Computer Services Offered:* • Professional Services

**SUBSIDIARIES:****Delphi Associates, Inc.**

18 Palmer Street  
Lowell, MA 01852  
(617) 458-3900  
S.R. Kips, President  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Little, Arthur D., Systems, Inc.**

17 New England Executive Park Building 17  
Burlington, MA 01803  
(617) 272-3400  
Howard Morrison, President

**Little, Arthur D., Systems, Inc.**

See: Little, Arthur D., Inc.

**Litton Computer Services**

See: Litton Industries, Inc.

**Litton Computer Services**

See: Litton Industries, Inc.

**Litton Computer Services**

See: Litton Industries, Inc.

**Litton Industries, Inc.**

360 North Crescent Drive  
Beverly Hills, CA 90210  
(213) 859-5000  
Fred W. O'Green, Chairman  
Public  
Total Sales FYE 7/84: \$4,605,744,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**SUBSIDIARIES:****Western Geophysical Company of America**

10001 Richmond Avenue  
Houston, TX 77042  
(713) 789-9600  
*Computer Services Offered:* • Processing

**DIVISIONS:****Litton Computer Services**

5490 Canoga Avenue  
Woodland Hills, CA 91367  
(408) 245-0795  
Robert J. Huston, Vice President  
Cptr. Svcs. Revs. FYE 7/84: \$30,244,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Litton Computer Services**

1831 Michael Faraday Drive  
Reston, VA 22090  
(703) 471-9200  
James Sperger, General Manager  
*Computer Services Offered:* • Processing

**Litton Computer Services**

6 Kingsbridge Road  
Fairfield, NJ 07706  
(201) 575-2800

**Lockheed Corporation**

## SUBSIDIARIES:

**CADAM**

1935 N. Buena Vista Street  
Burbank, CA 91504  
Frank Puhl, President  
*Computer Services Offered:* • Software Products • Professional Services

**Datacom Systems Corporation**

300 Frank W. Burr Boulevard  
Teaneck, NJ 07666  
(212) 840-1177  
Joseph Delario, President  
Total Sales FYE 12/83: \$25,000,000 Est.  
*Computer Services Offered:* • Processing • Professional Services

**Dialog Information Services, Inc.**

3460 Hillview Avenue  
Palo Alto, CA 94304  
(415) 858-2700  
Roger K. Summit, President  
Total Sales FYE 12/83: \$27,000,000 Est.  
*Computer Services Offered:* • Processing

**Lockheed Dataplan Inc.**

121A Albright Way  
Los Gatos, CA 95030  
(408) 866-7613  
*Computer Services Offered:* • Processing

**Lockheed Dataplan Inc.**

See: Lockheed Corporation

**Lockwood Association Inc, The**

PO Box 17326  
San Antonio, TX 78217  
(512) 824-1439  
Louis J. Lockwood, President  
Total Sales FYE 3/82: \$950,000  
*Computer Services Offered:* • Software Products • Professional Services

**Logi-cal Computing Inc.**

930 S. La Brea, 2nd Fl.  
Los Angeles, CA 90036  
(213) 208-7744  
Douglas Choy, President  
Private

**Logic Extension Resources**

9581 Business Center Dr. Ste J  
Rancho Cucamonga, CA 91730  
(714) 980-0046  
*Computer Services Offered:* • Software Products

**Logic Inc.**

2720 Stemmons South Ste 1100  
Dallas, TX 75207  
(214) 630-6131  
David B. Dibrell, President  
Private  
Total Sales FYE 11/81: \$2,120,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Logica Inc.**

666 Third Ave  
New York, NY 10017  
(212) 599-0828  
*Computer Services Offered:* • Software Products

**Logical Data Management**

529 South Second Avenue  
Covina, CA 91723  
(818) 967-1506  
Ricardo G. Brutocao, President  
Private  
Total Sales FYE 2/84: \$3,500,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Logical Data, Inc.**

529 South Second Avenue  
Covina, CA 91723  
(213) 967-1506  
Ricardo Brutocao, President  
Private

**Logical Software Inc.**

1218 Massachusetts Ave  
Cambridge, MA 02138  
(617) 864-0137  
*Computer Services Offered:* • Software Products

**Logical Systems Corp.**

P.O. Box 2676  
La Jolla, CA 92038  
(714) 455-5211  
James Fried, President  
Private

**Logicon Inc.**

1701 Skypark Drive  
Torrance, CA 90505  
(213) 373-0220  
John R. Woodhull, President and CEO  
Public  
Total Sales FYE 3/84: \$128,033,000  
Cptr. Svcs. Revs. FYE 3/84: \$83,200,000 Est.  
*Computer Services Offered:* • Professional Services

**Logistics Concept Inc.**

113 Willowbrook  
Lewisville, TX 75067  
(214) 436-4827



## Directory of Computer Services Companies

**Logistics Systems**

199 Wells Avenue  
 Newton Centre, MA 02159  
 (617) 965-1111  
 Donald R. Shapiro, President

Private

Total Sales FYE 7/83: \$700,000 Est.

*Computer Services Offered:* • Processing • Software  
 Products • Professional Services

**Logos**

2 Lowe Ave  
 Middletown, NY 10940  
 (914) 343-0656  
 Bernard Scott, President

Public

Total Sales FYE 12/82: \$6,000,000 Est.

*Computer Services Offered:* • Software Products

**Lomas & Nettleton Financial Corporation****SUBSIDIARIES:****Lomas & Nettleton Information Systems, Inc.**

1750 Viceroy Drive  
 Dallas, TX 75235  
 (214) 920-1600  
 Henry Hortenstine, CEO

Total Sales FYE 6/83: \$5,000,000 Est.

*Computer Services Offered:* • Processing

**Symbolic Financial Systems Corporation**

1740 N. Collins Boulevard  
 Richardson, TX 75081  
 (214) 238-5750

Gerry Nelson, President

*Computer Services Offered:* • Software Products

**Lomas & Nettleton Information Systems, Inc.**

*See: Lomas & Nettleton Financial Corporation*

**Lorber, Raymond G., Inc.**

333 Market St. Suite 2840  
 San Francisco, CA 94105  
 (415) 434-2607

Raymond G. Lorber, President

Private

**Loris Data Associates Inc.**

401 Broadway  
 New York, NY 10013  
 (212) 431-9586

Adam Gragnani, President

Private

*Computer Services Offered:* • Software Products

**Lotus Development Corporation**

161 First Street  
 Cambridge, MA 02142  
 (617) 492-7171

Mitchell D. Kapor, President

Public

Total Sales FYE 12/83: \$53,007,000

*Computer Services Offered:* • Software Products

**Loud Consulting Corporation, The**

666 Old Country Road  
 Garden City, NY 11530  
 (516) 794-9200  
 Douglass Loud, President

Private

Total Sales FYE 7/84: \$476,000

*Computer Services Offered:* • Processing • Software

Products • Professional Services

**Louisiana Companies - Computer Services Division**

801 North Boulevard  
 Baton Rouge, LA 70821  
 (504) 383-4761

Frank J. Clesi, V.P. and Treasurer

Private

Total Sales FYE 12/83: \$890,997

*Computer Services Offered:* • Processing • Software

Products • Professional Services • Turnkey Systems

**Louisville Tabulating Service Bureau**

3 Riverfront Plaza  
 Louisville, KY 40202  
 (502) 582-3356

Vern Ferguson, President

Private

**SUBSIDIARIES:****Dataco Computer Services**

301 N. First Ave  
 Evansville, IN 47710  
 (812) 426-1421

Vern Ferguson, President

*Computer Services Offered:* • Processing • Software

Products • Professional Services

**LoveLace-Lawrence Co. Inc.**

21 Broad St.  
 Charleston, SC 29401  
 (803) 577-7838

Giles Lovelace, President

Private

**Lowell-Welter Associates**

Box 1597  
 Houston, TX 77001  
 (713) 977-9672

W. G. Welter, President

Private

**Lowenthal Programming Corporation**

30 Rock Ridge Drive  
 Port Chester, NY 10573  
 (914) 939-8298

Mark J. Lowenthal, President

Private

Total Sales FYE 12/84: \$500,000 Est.

*Computer Services Offered:* • Professional Services

**Lowry, James H & Associates**

303 E. Wacker Drive  
 Chicago, IL 60601  
 (312) 861-1800

James H. Lowry, President

Private

Total Sales FYE 10/83: \$3,500,000 Est.

*Computer Services Offered:* • Professional Services

**Lumberman's Mutual Insurance**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Interstate Business Services**

900 Springmill  
Mansfield, OH 44902  
(419) 524-6161  
Jerome McBride, President  
Private

**Lundy Electronic & Systems, Inc.**

One Robert Lane  
Glen Head, NY 11545  
(516) 671-9000  
William N. Stout, President and CEO  
Public  
Total Sales FYE 6/83: \$34,526,678  
Cptr. Svcs. Revs. FYE 6/83: \$28,242,600  
Computer Services Offered: • Turnkey Systems

**Lupfer & Long, Inc.**

Box A-57  
Hanover, NH 03755  
(603) 643-4503  
Greg Lupfer, President  
Private  
Total Sales FYE 12/83: \$1,400,000 Est.  
Computer Services Offered: • Software Products • Professional Services

**Lycor Inc.**

Name Changed To: PALLM, Inc.

**Lynch Data Processing**

740-A Industrial Drive  
Cary, IL 60013  
(312) 639-2351  
Robert Lynch, President  
Private  
Total Sales FYE 6/84: \$350,000 Est.  
Computer Services Offered: • Processing

**Lyon Metal Products**

## SUBSIDIARIES:

**Catalyst USA Inc.**

220 Oak Street  
Grafton, WI 53024  
(414) 377-9400  
Gene De Gayner, President  
Total Sales FYE 12/83: \$3,000,000 Est.  
Computer Services Offered: • Turnkey Systems

**M.I.S. International, Inc.**

24655 South Field Rd., Ste. 211  
South Field, MI 48075  
(313) 552-0550  
Michael Bahn, President

**M/A-COM Sigma Data, Inc.**

See: M/A-COM, Inc.

**M/A-COM, Inc.**

## SUBSIDIARIES:

**M/A-COM Sigma Data, Inc.**

5515 Security Lane  
Rockville, MD 20852  
(301)984-3636  
Jerome D. Scheer, President  
Total Sales FYE 9/82: \$22,600,000 Est.  
Computer Services Offered: • Processing • Professional Services • Turnkey Systems

**MBA**

P.O. Box 98144  
Tacoma, WA 98498  
(206) 581-3202

**MBS Consulting**

6407 Irwin Court  
Oakland, CA 94609  
(415) 658-4622  
Michael Swartz, President  
Private

**MBS Software**

4849 Ronson Court, Ste 207  
San Diego, CA 92111  
(714)268-3400  
Don Foss, President  
Private  
Total Sales FYE 12/81: \$250,000  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**MC Software, Inc.**

P.O. Box 1377  
Davis, CA 95617  
(916) 756-8104  
Charles C. Russell, Owner  
Private  
Total Sales FYE 9/84: \$1,250,000 Est.  
Computer Services Offered: • Software Products

**MCorp**

## SUBSIDIARIES:

**MTech**

1712 Commerce Street, P.O. Box 222327  
Dallas, TX 75222  
(214) 742-7100  
Darwin Deason, Chairman  
Public  
Total Sales FYE 12/83: \$83,000,000  
Cptr. Svcs. Revs. FYE 12/83: \$63,910,000  
Computer Services Offered: • Processing • Software Products

**MCRB Service Bureau**

11633 Victory Blvd  
North Hollywood, CA 91609  
(213)984-0641  
Richard Yung, President  
Private

Total Sales FYE 12/81: \$1,500,000 Est.  
Computer Services Offered: • Processing

**MCT Information Systems, Inc.**

See: Computone Systems Incorporated

## Directory of Computer Services Companies

**MD-Dexel Systems Corp.**

479 N Potomac St  
Hagerstown, MD 21740  
(301)790-1177

*Computer Services Offered:* • Software Products

**MDC Systems Corp.**

*See:* Day & Zimmermann, Inc.

**MDCR, Inc.**

P.O. Box 29  
Morganville, NJ 07751  
(201) 536-9548

Alan Cherkak, President

Private

**MDS Lawtime**

*See:* MDS, Inc.

**MDS Soft Pro System**

4121 Mac Donald Ave  
Richmond, CA 94805  
(415) 234-5440

*Computer Services Offered:* • Software Products

**MDS, Inc.**

2702 International Lane Box 8098  
Madison, WI 53708  
(608)249-2147

Jon Romnes, President

Private

Total Sales FYE 12/81: \$1,500,000

Cptr. Svcs. Revs. FYE 12/81: \$1,000,000

*Computer Services Offered:* • Processing • Software Products

**DIVISIONS:****MDS Lawtime**

307 Whooping Loop  
Altamonte Springs, FL 32701  
(305) 831-4200

Bob Casperson, President

Private

Total Sales FYE 6/83: \$1,850,000 Est.

*Computer Services Offered:* • Turnkey Systems

**MHT Services Inc.**

90 West Franklin Street  
Hackensack, NJ 07601  
(201) 342-1321

Dr. Martin Tillinger, President

Private

Total Sales FYE 1/84: \$750,000 Est.

*Computer Services Offered:* • Software Products • Turnkey Systems

**MIPS Software Development Inc.**

31555 West 14 Mile Road Suite 104  
Farmington Hills, MI 48018  
(313) 855-3552

Ronald P. Pavlak, President

Private

Total Sales FYE 8/83: \$600,000 Est.

*Computer Services Offered:* • Software Products

**MIS Associates**

220 Washington Ave Extension  
Albany, NY 12203  
(518)456-3303

Steve Fullum, President

*Computer Services Offered:* • Software Products

**MIS, Inc.**

P.O. Box 5000  
Bradford, PA 16701  
(814) 362-4631

T.R. Bromeley, President

Private

Total Sales FYE 7/81: \$1,200,000 Est.

*Computer Services Offered:* • Processing

**MJK Associates**

122 Saratoga Avenue,  
Santa Clara, CA 95051  
(408) 247-5102

Michael A. Marriott, President

Private

Total Sales FYE 9/84: \$750,000 Est.

*Computer Services Offered:* • Processing • Professional Services

**MNC International, Inc. Micro Network Division**

511 11TH Avenue South  
Minneapolis, MN 55415  
(612) 333-4303

L. H. Anderson, President

Private

Total Sales FYE 12/82: \$1,500,000

*Computer Services Offered:* • Software Products • Turnkey Systems

**MPSI Systems Inc.**

8282 South Memorial Drive  
Tulsa, OK 74133  
(918) 250-9611

Ronald G. Harper, President and Chairman

Public

Total Sales FYE 9/83: \$14,340,793

*Computer Services Offered:* • Software Products

**MRM, Inc.**

2525 North 124th Street, Suite 210  
Brookfield, WI 53005  
(414) 786-8634

W. R. Wassweiler, President

Private

*Computer Services Offered:* • Software Products • Professional Services

**MSM Software**

1713 Meridian  
Garland, TX 75040  
(214) 272-4906

Steve Marrero, President

**MSP, Inc.**

*Name changed to: Manager Software Products Inc.*

**MTech**

*See:* MCorp

## Directory of Computer Services Companies

### MTSC, Inc.

*Merged with: STSC, Inc.*

### MYSE Software

347 N Charles St  
Baltimore, MD 21201  
(301) 659-7212

Private

Total Sales FYE 6/82: \$1,700,000 Est.  
*Computer Services Offered:* • Software Products

### MVT Microcomputer Systems, Inc.

31225 La Baya, Ste 110  
Westlake Village, CA 91362  
(213) 349-9076

Donald Pilipovich, President

Private

### MacDonald Computer Systems

2827 San Fernando Blvd.  
Burbank, CA 91504  
(213) 846-6510

Bruce E. Adamson, President

Private

Total Sales FYE 7/81: \$700,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

### MacNeal-Schwendler Corporation

815 Colorado Boulevard  
Los Angeles, CA 90041  
(213) 258-9111

Richard MacNeal, Chairman And CEO

Public

Total Sales FYE 1/84: \$11,801,000  
*Computer Services Offered:* • Software Products

### Macro Corporation

1260 Virginia Drive  
Fort Washington, PA 19034  
(215) 646-9510

W. Bradford Schultze, President

Private

Total Sales FYE 12/81: \$3,000,000  
*Computer Services Offered:* • Professional Services

### Macro 4 Inc.

1 West Hanover Avenue Gothic Plaza  
Mt. Freedom, NJ 07970  
(201) 895-4800

Robert Franco, President

Private

### Madic Corporation

3960 Freedom Circle Suite 104  
Santa Clara, CA 95054  
(408) 988-8311

Richard Wilke, President

Private

Total Sales FYE 12/83: \$9,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

### SUBSIDIARIES:

#### Power Management

190 South King St, Suite 800  
Honolulu, HI 96813  
(808) 521-8011

Richard Wilke, President

*Computer Services Offered:* • Processing

#### Magda Corporation

1 Maria Place  
Fairfield, NJ 07006  
(201) 575-8660

#### Magnum Communications, Ltd. 320

##### Interstate N. Pkwy.

320 Interstate, N  
Atlanta, GA 30339  
(404) 952-4940

Carl E. Eikoff, President

Private

Total Sales FYE 7/82: \$400,000 Est.  
*Computer Services Offered:* • Software Products

#### Magnum Computer Corporation

6420 East Broadway, Suite B-357  
Tucson, AZ 85710  
(602) 748-0676

John Hunnicutt, President

Public

#### Mailhouse, Inc.

8711 Lindale Avenue South  
Minneapolis, MN 55420  
(612) 881-8888

Norman Herman, President

Private

Total Sales FYE 2/84: \$5,000,000 Est.  
*Computer Services Offered:* • Processing

#### Mailing Data Services

*See: Minute Man Mailers*

#### Mainstem Corporation

*See: Cogito Data Systems, Inc.*

#### Major Computer Corporation

17 W. Marie St.  
Hicksville, NY 11801

(516) 822-4335

Eugene Solomon, President

Private

#### Mamaba Inc.

82 Boothby Dr  
Mount Laurel, NJ 08054  
(609) 235-7018

David Pliskin, President

*Computer Services Offered:* • Software Products

#### Management & Computer Services Inc.

*See: Pentamation Enterprises Inc.*

#### Management and Financial Support Services

## Directory of Computer Services Companies

## DIVISIONS:

**BancAids**

7297P Lee Highway  
Falls Church, VA 22044  
(703) 476-3888  
Linda Carducci, President  
*Computer Services Offered:* • Software Products • Professional Services

**Management Communications Consultants**

8595 Beechmont Ave. 3 Fl  
Cincinnati, OH 45230  
(513) 474-4070  
Robert Snouffer, Sr., President

**Management Computer Services, Inc.**

2790 Fisher Road  
Columbus, OH 43204  
(614) 272-0202  
Donald A. Turner, President  
Private  
Total Sales FYE 3/83: \$2,200,000 Est.  
*Computer Services Offered:* • Processing • Software Products

**Management Computer Services, Inc.**

1717 St. James Street P.O. BOX 2045  
LaCrosse, WI 54601  
(608) 784-0354  
Robert A. Sierp, President  
Private  
*Computer Services Offered:* • Processing • Turnkey Systems

**Management Computer Controls, Inc.**

288 F Directors Cove  
Memphis, TN 38131  
(901) 346-9880  
W. Cole Early, President  
Private  
Total Sales FYE 2/84: \$3,000,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Management Consultant Resource Group**

2186 S. Holly, Ste. 103  
Denver, CO 80222  
(303) 758-6129  
John E. Bakken, Partner  
Private  
Total Sales FYE 12/83: \$500,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Management Consulting Services**

220 E. 3900 South, Suite 10  
Salt Lake City, UT 84107  
(801) 268-6102

**Management Control Methods Inc.**

2258 N. Lake Parkway  
Atlanta, GA 30084  
(404) 934-0480  
Richard M. Mosrie, Jr., President  
Private

**Management Control Systems Division**

See: Informatics General Corporation

**Management Control Systems Inc.**

Name Changed To: Texas Direct, Inc.

**Management Cybernetics International**

1567 Mt. Vernon Rd. P.O. Box 888467  
Atlanta, GA 30338  
(404) 393-1144  
Private  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Management Data Communications Corporation**

9701 West Higgins  
Rosemont, IL 60018  
(312) 698-1300  
Fred Coyle, President  
Private  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Management Data Services Corporation**

2011 J Street N.W.  
Washington, DC 20006  
(202) 293-7470  
Jay Norman Crutchfield, President

**Management Data Systems Inc.**

778 Northwest Boulevard  
Columbus, OH 43212  
(614) 294-6371  
Richard J. Davis, President  
Private  
Total Sales FYE 3/84: \$750,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Management Decision Systems Inc.**

2674 No. First St., Ste. 104  
San Jose, CA 95134  
(408) 263-9800  
Steve Havens, President  
Private

**Management Decision Systems, Inc.**

200 Fifth Avenue  
Waltham, MA 02254  
(617) 890-1100  
John S. Wurtz, President  
Private  
Total Sales FYE 4/84: \$26,600,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Management Decisions Development Corporation**

7209 Dixie Highway  
Fairfield, OH 45014  
(513) 874-0111  
Ralph R. Hodges, President  
Private

**Management Design Associates**

2851 South Parker Road, Suite 1080  
Aurora, CO 80014  
(303) 696-6501  
Thomas P. Haass, President  
Private  
*Computer Services Offered:* • Professional Services

## Directory of Computer Services Companies

**Management Directions Inc.**

1016 East Carson Street  
Pittsburgh, PA 15203  
(412) 488-7800  
George Taylor, IV, President

Private

Total Sales FYE 3/84: \$2,500,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**Management Group Inc.**

393 Totten Pond Road  
Walham, MA 02154  
(617) 890-6580  
Francis Donovan, President

**Management Information Systems (MIS)**

6001 Savoy, Suite 202  
Houston, TX 77036  
(713) 785-3690

**Management Information Systems Group, Inc. (MISG)**

1710 Shadowood Lane Suite 220  
Jacksonville, FL 32207  
(305) 576-0522  
Omer Bader, President

Private

Total Sales FYE 7/82: \$500,000  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**Management Methods, Inc.**

*Merged with: STSC, Inc.*

**Management Reporting Service**

5925 East 38th Avenue  
Denver, CO 80207  
(303) 399-1424  
Robert M. Clawson, President

Private

**Management Science America, Inc.**

3445 Peachtree Road, N. E.  
Atlanta, GA 30326  
(404) 239-2000  
William M. Graves, President

Public

Total Sales FYE 12/83: \$145,176,188  
Cptr. Svcs. Revs. FYE 12/83: \$139,055,247  
*Computer Services Offered:* • Software Products

## SUBSIDIARIES:

**Distribution Research Associates, Inc.**

900 Jorie Boulevard  
Oak Brook, IL 60521  
(312) 789-8877

William Perry, President

*Computer Services Offered:* • Software Products •  
Professional Services

**Peachtree Software Inc.**

3445 Peachtree Rd N.E.  
Atlanta, GA 30326  
(404) 239-3000  
Ben Dyer, President

*Computer Services Offered:* • Software Products

**Management Science Associates,**

5100 Centre Ave.  
Pittsburgh, PA 15232  
(412) 683-9533

**Management Sciences, Inc.**

6022 Constitution Avenue  
Albuquerque, NM 87110  
(505) 255-8611  
M.K. Blemcl, President

Private

*Computer Services Offered:* • Software Products •  
Professional Services

**Management Services Inc.**

3 Corporate Square  
Atlanta, GA 30329  
(404) 321-0820  
Everett T. Suters, President

Private

**Management Systems Corporation**

125 North State Street  
Salt Lake City, UT 84103  
(801) 531-1122  
Ray R. Hanson, President

Private

**Management Systems Associates**

P.O. Box 18327  
Raleigh, NC 27619  
(919) 787-6177  
Skip Shippley, President

Private

Total Sales FYE 6/83: \$2,190,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Management Systems Consulting Services**

*See: General Physics Corporation*

**Management Systems Of Wausau, Inc.**

*See: Employer's Insurance Of Wausau*

**Management Techniques, Inc.**

2001 Beacon Street  
Boston, MA 02146  
(617) 232-8377  
Stanley Shein, President

Private

Total Sales FYE 7/84: \$680,000 Est.  
*Computer Services Offered:* • Professional Services •  
Turnkey Systems

## SUBSIDIARIES:

**Absolute Software**

2001 Beacon Street LB 131  
Boston, MA 02146  
(617) 277-0610  
Stanley Shein, President

*Computer Services Offered:* • Software Products •  
Professional Services

## Directory of Computer Services Companies

**Management Technology Inc. (MTI)**

A - 4562 64th St.  
Holland, MI 49423  
(616) 335-5821  
J. K. Billman, President  
Private

**Manager Software Products Inc.**

131 Hartwell Avenue  
Lexington, MA 02173  
(617) 863-5800  
David da Costa, President  
Private  
Total Sales FYE 12/83: \$18,000,000 Est.  
*Computer Services Offered:* • Software Products

**Managistics, Inc.**

*Acquired by: Bank of America Corporation. Now: BA Managistics.*

**Manatron Inc.**

2970 South 9th Street  
Kalamazoo, MI 49009  
(616) 375-5300  
Allen Peat, President  
Private

**Mandalla Information Systems**

84 Montezuma  
San Francisco, CA 94110  
(415) 433-6144  
Harry L. Colman, Partner  
*Computer Services Offered:* • Software Products

**Manhattan Systems, Inc.**

15713 Osage Ave PO Box 235  
Lawndale, CA 90260  
(213) 679-2145  
David Unangst, President

**Mankato Citizens Telephone Co.****SUBSIDIARIES:****Computoservice, Inc.**

1315 Stadium Road  
Mankato, MN 56001  
(507) 625-1691  
Richard E. Kendall, President  
Private  
Total Sales FYE 12/83: \$3,700,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**ManLabs, Inc.**

21 Erie St.  
Cambridge, MA 02139  
(617) 491-2900

**Manley Data Processing Company**

121 Gertrude Avenue South  
Paramus, NJ 07652  
(201) 843-5005  
Robert Manley, President  
Private

**Manlius Valley Enterprises Inc.**

PO Box 159  
Fayetteville, NY 13066  
(315) 682-2182  
James J. O'Keefe, President  
Private

**Mann Data Inc.**

50 Tower Road  
Newton Upper Falls, MA 02164  
(617) 964-3250  
Frank Mann, President  
Private  
Total Sales FYE 10/81: \$1,200,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Mann, Charles & Associates Micro Software Division**

*See: Mann, Charles & Associates*

**Mann, Charles & Associates****DIVISIONS:****Mann, Charles & Associates Micro Software Division**

55722 Santa Fe  
Yucca Valley, CA 92284  
(619) 365-9718  
Charles Mann, President  
Private  
Total Sales FYE 12/83: \$46,500,000 Est.  
*Computer Services Offered:* • Software Products

**Mantissa Corporation**

244 Goodwin Crest Drive Suite 200  
Birmingham, AL 35209  
(205) 945-8930  
Gary Dennis, President  
Private  
Total Sales FYE 6/83: \$1,500,000 Est.  
*Computer Services Offered:* • Software Products

**Manufacturers Resources and Planning**

*Name changed to: Compufast*

**Manufacturing and Consulting Services Inc. (MCS)**

17942 Cowan Ave  
Irvine, CA 92714  
(714) 660-1170  
Patrick Hanratty, President  
*Computer Services Offered:* • Software Products

**Manufacturing and Systems Programming**

*See: Lawson Associates*

**Manufacturing Data Systems, Inc.**

*See: Schlumberger Ltd.*

**Manufacturing Education Services, Inc.**

PO Box 1535  
Jackson, MI 49201  
(517) 254-4441  
*Computer Services Offered:* • Software Products



Directory of Computer Services Companies

**Manufacturing Management Systems, Inc.**

4175 Dayton Rd  
Madison, OH 44057  
(216)428-4068

*Computer Services Offered:* • Software Products

**Manufacturing Resources Management**

*Name Changed To: MRM, Inc.*

**Manufacturing Solutions & Systems Inc.**

1300 South Calhoun Road  
Brookfield, WI 53005  
(414) 786-1172

David C. Chopp, President

Private

Total Sales FYE 12/84: \$600,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**MANUS Services Corporation**

1700 Westlake Ave. North  
Seattle, WA 98109  
(206)285-3260

Clifford M. Asplund, President

Private

Total Sales FYE 3/82: \$7,847,000

Cptr. Svcs. Revs. FYE 3/82: \$6,670,000

*Computer Services Offered:* • Processing • Professional Services • Turnkey Systems

**Map/Com Inc.**

8552 Katy Freeway No. 123  
Houston, TX 77024  
(713) 464-7021

Robert L. Gray, President

**Maple Plain Company**

*See: Carlson Marketing Group*

**Marathon Management Systems, Inc.**

1690 38th Street, Suite 100  
Boulder, CO 80301  
(303) 449-0964

Don Van Dyken, President

Private

Total Sales FYE 6/84: \$2,000,000 Est.

*Computer Services Offered:* • Professional Services • Turnkey Systems

**MARC Software International, Inc.**

260 Sheridan Avenue, Suite 200  
Baltimore, MD 94306  
(415) 326-1971

Pedro V. Marcal, President

Private

Total Sales FYE 12/84: \$5,000,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Marcam Data Systems Corporation**

123 Highland Ave  
Needham, MA 02194  
(617)449-5510

Private

*Computer Services Offered:* • Software Products • Professional Services

**Marchbanks and Parker, Inc.**

4538 Centerville Drive  
San Antonio, TX 78228  
(512) 736-1909

Jerry Parker, President

Private

Total Sales FYE 2/81: \$400,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Marcoin Business Management Services, Corp**

1924 Cliff Valley Way  
Atlanta, GA 30329  
(404)325-1200

Ronald N. Talmadge, President

Private

Total Sales FYE 9/82: \$4,409,000

Cptr. Svcs. Revs. FYE 9/82: \$3,730,000

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Marine Management Systems**

300 Broad Street  
Stamford, CT 06901  
(203) 327-6404

James Story, President

Private

**Mariposa Corporation**

3 Harbor Drive, Suite 111 Suite 199  
Sausalito, CA 94965  
(415) 331-3650

Kathleen Avery, Chairman

Private

Total Sales FYE 10/83: \$800,000 Est.

*Computer Services Offered:* • Professional Services

**Maritime Computer Corporation**

511 South Avenue  
Cranford, NJ 07016  
(201) 272-3500

Vincent Mongno, President

Private

Total Sales FYE 9/82: \$4,000,000

*Computer Services Offered:* • Processing • Software Products • Professional Services

**Mark Williams Company**

1430 West Wrightwood Avenue  
Chicago, IL 60659  
(312) 472-6659

Robert Swartz, President

Public

*Computer Services Offered:* • Software Products

**Market Buy Market**

*See: Golden West Broadcasters*

**Market Data Retrieval**

*See: Houghton Mifflin Company*

**Market Data Systems, Inc.**

3835 Lamar Avenue  
Memphis, TN 38118  
(901) 363-0500

Buford F. Smith, President

Private

Total Sales FYE 12/84: \$1,500,000 Est.

*Computer Services Offered:* • Processing • Software Products

## Directory of Computer Services Companies

**Market Science Associates, Inc.**

1560 Broadway  
New York, NY 10036  
(212) 398-9100

*Computer Services Offered:* • Processing

**Market Vax**

## SUBSIDIARIES:

**Accutab Data Processing Inc.**

1010 West Lake Dr  
Oak Park, IL 60301  
(312) 383-8014  
Carrie Evans, Group Head

Private

Total Sales FYE 12/82: \$400,000

*Computer Services Offered:* • Processing

**Marketing and Systems Development Corp., The**

1200 Wall Street West  
Lyndhurst, NJ 07071  
(201) 935-9200

Tom Pucci, President

Private

Total Sales FYE 7/83: \$5,940,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Marketron**

2180 Sand Hill Road Suite 450  
Menlo Park, CA 94025  
(415) 854-2767

Gerald Cronin, President

Private

**Marquette National Bank**

## SUBSIDIARIES:

**Marquette Services Corporation**

4601 West 80th Street  
Minneapolis, MN 55437  
(612) 830-7400

Ron Ingersoll, President

Private

**Marquette Services Corporation**

See: Marquette National Bank

**Marsh & McLennan**

## SUBSIDIARIES:

**Insurance Data Processing Inc.**

101 Greenwood Ave. Jenkintown Plaza  
Jenkintown, PA 19046  
(215) 885-2150

C.F. Scott, President

**Marshall and Stevens Incorporated**

See: S.G.S. North America

**Marshall and Swift Publication Company**

1617 Beverly Blvd.  
Los Angeles, CA 90026  
(213) 250-2222

Joseph Marshall, President

Private

Total Sales FYE 7/83: \$2,500,000 Est.

*Computer Services Offered:* • Processing

**Martec Computer Corporation**

14677 Midway, Ste 120  
Dallas, TX 75234  
(214) 630-1240

**Martel Laboratories, Inc.**

7100 30th Avenue North  
St. Petersburg, FL 32710  
(813) 345-0160

Harrold F. Flynn, President

Total Sales FYE 9/84: \$8,000,000

Cptr. Svcs. Revs. FYE 9/84: \$7,200,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Martin and Stern Inc.**

112 Ocean Dr  
Manhattan Beach, CA 90266  
(213) 374-9669

Daniel Stern, Chief Executive Officer

Private

Total Sales FYE 12/81: \$5,000,000

Cptr. Svcs. Revs. FYE 12/81: \$3,500,000 Est.

*Computer Services Offered:* • Professional Services

**Martin Isserlis Enterprises**

201 East 28th Street  
New York, NY 10016  
(212) 686-8683

**Martin Marietta Corporation**

## SUBSIDIARIES:

**Martin Marietta Data Systems**

6303 Ivy Lane  
Greenbelt, MD 20770  
(301) 982-6500

Richard J. Walters, President

Public

Total Sales FYE 12/83: \$278,800,000

Cptr. Svcs. Revs. FYE 12/83: \$146,400,000

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Mathematica Products Group**

P.O. Box 2392  
Princeton, NJ 08540  
(609) 799-2600

Richard H. Cobb, President

*Computer Services Offered:* • Software Products

**Mathematica, Inc.**

14 Washington Road  
Princeton, NJ 08540  
(609) 799-2600

Tibor Fabian, President

*Computer Services Offered:* • Software Products

## Directory of Computer Services Companies

**Mathtech, Inc.**

P.O. Box 2392  
Princeton, NJ 08540  
(609) 799-2600  
Norman I Agin, President  
*Computer Services Offered:* • Professional Services

**Martin Marietta Data Systems**

See: Martin Marietta Corporation

**Maryland Casualty Co.**

## SUBSIDIARIES:

**Advanced Technology Systems Inc. (Adtec)**

P.O. Box 6800  
Norcross, GA 30091  
(404) 447-6604  
Ken Williams, Vice President  
Private  
Total Sales FYE 12/83: \$7,500,000 Est.  
*Computer Services Offered:* • Software Products

**Mason Dixon Freight**

## DIVISIONS:

**Crown Data Center**

P.O. Box 969  
Kingsport, TN 37662  
(615) 247-1138  
Wallace Ernest, General Manager

**Massachusetts Computer Associates, Inc. (COMPASS)**

See: Applied Data Research, Inc.

**Masser Systems Inc.**

P.O. Box 852 5020 Sunnyside Ave, Ste. 112  
Beltsville, MD 20705  
(301) 474-2220  
Lee Masser, President  
Private

**Master Data Center, Inc.**

29100 Northwestern Highway, Suite 300  
Southfield, MI 48034  
(313) 352-5810  
Peter J. McAteer, President  
Private  
Total Sales FYE 9/84: \$2,500,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Master Information Systems**

100 Graphic Dr.  
Syracuse, NY 13206  
(315) 463-0211  
Pierre J. Maitre, President  
Private  
Total Sales FYE 11/81: \$750,000  
*Computer Services Offered:* • Processing

**Mathematica Products Group**

See: Martin Marietta Corporation

**Mathematica, Inc.**

See: Martin Marietta Corporation

**Mathematical Applications Group, Inc. (MAGI)**

3 Westchester Plaza  
Elmsford, NY 10523  
(914) 592-4646  
Warren Weinberg, President  
Public  
Total Sales FYE 3/84: \$10,924,769  
*Computer Services Offered:* • Processing • Software Products

**Mathews & Company**

108 Old Kings Hwy. North P.O. Box 2064  
Darien, CT 06820  
(203) 655-7860  
Richard Mathews, President  
Private

**Mathtech, Inc.**

See: Martin Marietta Corporation

**Matlen Silver Group Inc., The**

39 Woodlawn Terrace  
Lake Hopatcong, NJ 07849  
(201) 663-1779  
*Computer Services Offered:* • Software Products

**Matrix Insurance Services Inc.**

1500 West Loop North PO Box 42  
Houston, TX 77008  
(713) 868-4494  
Richard Marxen, President  
Private  
Total Sales FYE 12/81: \$5,500,000 Est.  
*Computer Services Offered:* • Processing • Turnkey Systems

**Maximus Incorporated**

6723 Whittier Ave. Suite 101  
McLean, VA 22101  
(703) 734-0050  
David Mastran, PH.D., President  
Private

**May & Speh Processing Center, Inc.**

18W 100 22nd St. Suite 100  
Oak Brook Terrace, IL 60181  
(312) 620-8060  
Albert J. Speh, Jr., President  
Private  
Total Sales FYE 6/81: \$8,000,000 Est.  
Cptr. Svcs. Revs. FYE 6/81: \$7,500,000 Est.  
*Computer Services Offered:* • Processing • Professional Services

**Maynard Data Processing**

See: Maynard Steel Casting Company

**Maynard Steel Casting Company**

## Directory of Computer Services Companies

## DIVISIONS:

**Maynard Data Processing**

2856 S. 27th Street  
Milwaukee, WI 53216  
(414) 645-0440  
Ralph Wabiszewski, President  
Private

**McCleery, Winston T., Consultants**

4920 Cottage Hill Rd. P.O. Box 337  
Mobile, AL 36609  
(205) 661-0833  
Winston T. McCleery, President  
Private

**McClintock**

9655 S. Dixie Highway  
Miami, FL 33169  
(305) 666-1300  
William Mc Clintock, President  
Private  
Total Sales FYE 7/83: \$600,000 Est.  
Computer Services Offered: • Software Products

**McCormack & Dodge Corporation**

See: Dun and Bradstreet

**McCosker Corporation**

740 Julie Ann Way  
Oakland, CA 94621  
(415) 638-3015  
Daryl O. McCosker, President  
Private  
Total Sales FYE 6/84: \$2,500,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**McCracken Computer, Inc.**

2 Millia Drive  
Lexington, MA 02173  
(617) 862-3083  
Frank McCracken, President  
Private

**McCullough and Associates**

1401 N. Jesse James Rd.  
Excelsior Springs, MO 64024  
(816) 637-8638  
William McCullough, President  
Private  
Total Sales FYE 7/81: \$200,000 Est.  
Computer Services Offered: • Software Products

**McDevitt & Associates**

5019 East 38th Place  
Tulsa, OK 74135  
(918) 627-1181  
Dan B. McDevitt, Partner

**McDill Corporation**

2600 South Blvd.  
Montgomery, AL 36101  
(205) 281-8154  
Tom Cantey, President  
Private

**McDonald, Friedberg & Carr**

442 South Sandusky Avenue  
Upper Sandusky, OH 43351  
(419) 294-5241

Private

Total Sales FYE 12/83: \$250,000 Est.

Computer Services Offered: • Software Products •  
Professional Services

**McDonnell Douglas Automation Company**

See: McDonnell Douglas Corporation

**McDonnell Douglas Corporation**

## DIVISIONS:

**McDonnell Douglas Automation Company**

P.O. Box 516  
St. Louis, MO 63166  
(314) 232-0232

Robert A. Fischer, President

Total Sales FYE 12/83: \$542,500,000

Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Computer Sharing Services Inc.**

2 Tamarack Square 7535 E Hampden Ave, Ste 200  
Denver, CO 80231  
(303) 695-1500

Jerrold A. Alkema, President

Total Sales FYE 12/83: \$35,317,000

Computer Services Offered: • Processing

## SUBSIDIARIES:

**National Integrated Software Services**

2 Tamarack Square 7535 E Hampden Ave  
Denver, CO 80231  
(303) 694-1694

Ron Knox, President

Computer Services Offered: • Software Products •  
Professional Services

**McDonnell Douglas Physician Systems, Inc.**

2140 West 190th Street  
Torrance, CA 90504  
(213) 320-1101

Santo P. Panzarella, President

Total Sales FYE 1/84: \$18,000,000

Computer Services Offered: • Processing

**Tymshare, Inc.**

20705 Valley Green Drive  
Cupertino, CA 95014  
(408) 446-6000

Thomas J. O'Rourke, Chairman and President

Total Sales FYE 12/83: \$288,641,000

Cptr. Svcs. Revs. FYE 12/83: \$205,000,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Telecheck Services Inc.**

7510 W. Mississippi Ave, Ste 100  
Lakewood, CO 80226  
(303)934-5881  
Jeffrey B. Baer, President

**DMI Systems, Inc.**

20705 Valley Green Drive  
Cupertino, CA 95014  
(408) 446-6000  
Eddie Ellassad, Division Manager  
*Computer Services Offered:* • Processing

**McDonnell Douglas Physician Systems, Inc.**

*See:* McDonnell Douglas Corporation

**McGraw-Hill Information Systems Company**

*See:* McGraw-Hill, Inc.

**McGraw-Hill, Inc.**

## SUBSIDIARIES:

**Aardvark/McGraw-Hill**

1020 North Broadway  
Milwaukee, WI 53202  
(414) 225-7500  
Donald Cook, President  
*Computer Services Offered:* • Software Products

**CYMA Corporation**

2160 East Brown Road  
Mesa, AZ 85203  
(602) 835-8880  
David D. Thomas, President  
Total Sales FYE 12/83: \$5,250,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Data Resources, Inc.**

29 Hartwell Avenue  
Lexington, MA 02173  
(617) 861-0165  
Joseph E. Kasputys, President  
Total Sales FYE 12/83: \$79,924,000  
Cptr. Svcs. Revs. FYE 12/83: \$75,000,000 Est.  
*Computer Services Offered:* • Processing • Professional Services

**McGraw-Hill Information Systems Company**

1221 Avenue of the Americas  
New York, NY 10020  
(212) 997-4844  
Richard B. Miller, President  
Total Sales FYE 12/83: \$221,193,000  
Cptr. Svcs. Revs. FYE 12/83: \$35,000,000 Est.  
*Computer Services Offered:* • Processing

**Monchik-Weber Corporation**

11 Broadway  
New York, NY 10004  
(212) 269-5460  
Leon Williams, President  
Total Sales FYE 5/84: \$22,840,231  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Monchik-Weber California, Inc.**

2050 South Bundy Drive  
Los Angeles, CA 90025  
(213) 826-8405  
Howard C. Given, II, Vice President  
*Computer Services Offered:* • Processing

**Monchik-Weber Metro Data, Inc.**

111 West Jackson Boulevard  
Chicago, IL 60604  
(312) 663-4143  
Klaren K. Alexander, Executive Vice President  
*Computer Services Offered:* • Processing

**Standard & Poor's Corporation**

## SUBSIDIARIES:

**Standard & Poor's Compustat Services, Inc.**

7400 S. Alton Court  
Englewood, CO 80112  
(303) 771-6510  
J. Edward McEntire, President  
Cptr. Svcs. Revs. FYE 12/83: \$33,000,000 Est.  
*Computer Services Offered:* • Processing

**McHugh, Freeman and Associates Inc**

6333 Odana Rd  
Madison, WI 53719  
(608) 274-6250  
*Computer Services Offered:* • Software Products

**McKesson Corporation**

## SUBSIDIARIES:

**Pharmaceutical Card Systems, Inc.**

2005 N. Central Avenue  
Phoenix, AZ 85004  
(602) 257-1500  
Total Sales FYE 3/82: \$18,000,000 Est.  
*Computer Services Offered:* • Processing

**Three PM Inc.**

30881 Schoolcraft Road  
Livonia, MI 48150  
(313) 427-2000  
Robert Yanover, President  
Total Sales FYE 3/84: \$29,000,000 Est.  
Cptr. Svcs. Revs. FYE 3/84: \$27,000,000 Est.  
*Computer Services Offered:* • Processing • Turnkey Systems

**McNair, John & Associates**

## Directory of Computer Services Companies

## DIVISIONS:

**Micrographic and Computer Services**

L.B. & B. Building  
Waynesboro, VA 22980  
(703) 942-1161  
John McNair, Jr., President

**McSpadden Associates, Inc.**

P.O. Box 346  
North Billerica, MA 01862  
(617) 663-6036  
William F. McSpadden, President  
Private  
Total Sales FYE 12/84: \$1,000,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**McSweeney & Associates**

1550 N. Bristol  
Newport Beach, CA 92660  
(714) 833-9721  
Stephen Rimel, President

**Mead Corporation, The**

## DIVISIONS:

**Mead Data Central**

9333 Springboro Pike  
Dayton, OH 45401  
(513) 865-6800  
Jack W. Simpson, President  
Public  
Total Sales FYE 12/83: \$94,500,000  
Computer Services Offered: • Processing

**Mead Data Central**

See: Mead Corporation, The

**Measurement Concepts Corporation (MC2)**

1721 Black River Blvd.  
Rome, NY 13440  
(315) 337-1000  
Barry Moritz, President

**Mechanical Technology Inc.**

968 Albany Shaker Rd  
Latham, NY 12110  
(518) 785-2211  
Computer Services Offered: • Software Products

**Mechanics National Bank**

16250 Gundry Avenue  
Paramount, CA 90723  
(213) 531-6384  
Vido Guarino, President  
Public  
Computer Services Offered: • Processing

**Med Logic Systems**

2680 Walnut, Ste C  
Tustin, CA 92680  
(714) 544-8181  
Mimi Mallory, President  
Computer Services Offered: • Software Products

**Medcomp Research Foundation**

2400 Reading Road  
Cincinnati, OH 45202  
(513) 721-3357  
R. Dean Wilbur, President

**Medical Data Control**

See: Professional Computer Service, Inc.

**Medical Data Services**

See: Charter Medical Corporation

**Medical Data Systems**

See: Pentamation Enterprises Inc.

**Medical Datamation**

South West & Harrison  
Bellevue, OH 44611  
(419) 483-6060  
John Irons, Ph.D., President  
Private

Total Sales FYE 9/81: \$1,000,000 Est.  
Computer Services Offered: • Processing • Professional  
Services

**Medical Engineering, Inc.**

See: Basic American Medical, Inc.

**Medical Information Technology Inc.  
(MEDITECH)**

One Meditech Circle  
Westwood, MA 02090  
(617) 329-5300  
A. Neil Pappalardo, President  
Private  
Total Sales FYE 12/83: \$14,800,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**Medical Management Systems Inc.**

446 West Pontiac Street  
Fort Wayne, IN 46807  
(219) 456-2195  
Dick Presser, President  
Private  
Total Sales FYE 12/83: \$1,000,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

**Medical Planning Associates (MPA)**

1601 Rambla Pacifico  
Malibu, CA 90265  
(213) 456-2084  
Dan Logan, President  
Private

**Medicus Systems Corporation**

999 Grove Street  
Evanston, IL 60201  
(312) 570-7500  
Richard Jelinek, President  
Private  
Total Sales FYE 5/84: \$10,000,000 Est.  
Computer Services Offered: • Professional Services •  
Turnkey Systems

## Directory of Computer Services Companies

**Medidata Inc.**

15551 Cabrito Road  
Van Nuys, CA 91406  
(213) 998-6666  
Victor J. Rosen, President  
Total Sales FYE 7/81: \$250,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**Mediflex Systems Corporation**

990 Grove Street  
Evanston, IL 60201  
(312) 866-1500  
Richard C. Jelinek, Chairman and CEO  
Public  
Total Sales FYE 5/84: \$28,672,000  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**Mednet, Inc.**

## SUBSIDIARIES:

**Commercial Systems, Inc.**

1632 Kentucky Ave. P.O. Box 60  
Paducah, KY 42001  
(502) 442-7361  
Louis F. Kirchhoff, President  
*Computer Services Offered:* • Processing

**Megalogics, Inc.**

150 W 1230 N  
Provo, UT 84601  
(801) 377-9154

**Mellon Bank Datacenter**

See: Mellon National Corporation

**Mellon Bank-Technology Products Department**

See: Mellon National Corporation

**Mellon National Corporation**

## DIVISIONS:

**Mellon Bank-Technology Products Department**

One Mellon Bank Center  
Pittsburgh, PA 15258  
(412) 234-4100  
Richard A. Gaugh, Sr. Vice President  
Public  
Cptr. Svcs. Revs. FYE 12/83: \$38,058,000  
*Computer Services Offered:* • Processing

## DIVISIONS:

**Mellon Bank Datacenter**

One Mellon Bank Center  
Pittsburgh, PA 15258  
(412) 234-5654  
Kerry J. Ryan, Sr. Vice President  
*Computer Services Offered:* • Processing

**Mencom Systems Inc.**

See: Mennen Company, The

**Menlo Computer Associates**

801 E. Charleston Rd. Suite F  
Palo Alto, CA 94303  
(415) 494-3170  
Jim Crapuchettes, President  
Private

**Mennen Company, The**

## SUBSIDIARIES:

**Mencom Systems Inc.**

Hanover Avenue  
Morristown, NJ 07960  
(201) 540-0344  
Don Pietruszka, Director, Client Services

**Mentor Graphics Corp.**

8500 Southwest Creekside Place  
Beaverton, OR 97005  
(503) 626-7000

*Computer Services Offered:* • Turnkey Systems

**Menu, International Software DataBase**

1520 South College Avenue  
Fort Collins, CO 80524  
(303) 482-5000  
Private  
Total Sales FYE 7/84: \$1,000,000 Est.  
*Computer Services Offered:* • Software Products

**Mercantile Texas Corporation**

Name Changed To: MCorp

**Mercantile-Safe Deposit and Trust Company**

Two Hopkins Plaza P.O. Box 2257  
Baltimore, MD 21203  
(301) 237-5317

**Meridian Systems Inc.**

1101 Kennedy Road, P.O. Box 543  
Windsor, CT 06095  
(203) 683-1289  
William M. Kersey, Jr., Chairman  
Private

Total Sales FYE 4/84: \$500,000 Est.  
*Computer Services Offered:* • Software Products

**Merkle Computer Systems Inc.**

See: Pubco

**Merrill Lynch & Co., Inc.**

## SUBSIDIARIES:

**Merrill Lynch Economics**

One Liberty Plaza  
New York, NY 10006  
(212) 637-6226  
D. Albert Cox, President

**Merrill Lynch Economics**

See: Merrill Lynch & Co., Inc.



## Directory of Computer Services Companies

**Meta Systems Concept Inc.**

10 Columbus Circle  
New York, NY 10019  
(212) 580-7948  
Private

**Metamorphics, Inc.**

2 Bala Plaza  
Bala Cynwyd, PA 19004  
(215) 668-9000  
Marc Seligman, President

Private  
Total Sales FYE 1/84: \$1,000,000 Est.  
Computer Services Offered: • Software Products • Turnkey Systems

**Metasystems Inc.**

3645 Warrensville Center Rd  
Cleveland, OH 44122  
(216) 561-9111  
Thomas Maruna, President

Private  
Total Sales FYE 12/81: \$1,000,000 Est.  
Computer Services Offered: • Software Products • Professional Services

**Metier Management Systems, Inc.**

5884 Point West Drive  
Houston, TX 77036  
(713) 988-9100  
Robin W. I. Lodge, Vice Chairman and COD

Private  
Total Sales FYE 5/83: \$55,259,387  
Computer Services Offered: • Turnkey Systems

**Metro Bank**

10900 Wilshire Blvd.  
Los Angeles, CA 90024  
(213) 824-5700  
James Salin, President

Public  
Cptr. Svcs. Revs. FYE 12/82: \$4,000,000 Est.  
Computer Services Offered: • Processing

**Metro System, Inc.**

2828 E. 51st  
Tulsa, OK 74105  
(918) 743-5351  
James A. Greenway, President

Private  
Total Sales FYE 12/81: \$4,500,000  
Computer Services Offered: • Processing • Professional Services • Turnkey Systems

**Metrocom Inc.**

200 S. College St., Ste. 1500  
Charlotte, NC 28202  
(704) 374-1990  
Tarokh Taefi, Chairman & President

Private  
Total Sales FYE 1/81: \$3,000,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Metromail Corporation**

901 West Bond  
Lincoln, NE 68521  
(402) 475-4591  
William L. Howe, President

Private  
Total Sales FYE 5/82: \$50,000,000 Est.  
Cptr. Svcs. Revs. FYE 5/82: \$47,000,000 Est.  
Computer Services Offered: • Processing

**Metropolitan Computer Center**

See: Forest Lawn Company

**Metropolitan Life Insurance Company**

## SUBSIDIARIES:

**DTSS Incorporated**

10 Allen St.  
Hanover, NH 03755  
(603) 643-6600  
Peter R. Genereaux, President

Private  
Total Sales FYE 12/81: \$6,200,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services

**Micom Systems**

1847 Ruddiman Rd.  
N. Muskegon, MI 49445  
(616) 744-4212  
Richard Schanahls, President

Private

**Micor-Net, Inc.**

See: Galler Group, The

**Micro Applications Group**

7300 Caldas Avenue  
Van Nuys, CA 91406  
(213) 881-8076  
Greg Scott, Owner

Private

**Micro Business Applications, Inc.**

P.O. Box 2888  
La Jolla, CA 92038  
(714) 453-8884

**Micro Business Software Inc. (MBSI)**

Dover Road Willow Hill Building  
Chichester, NH 03263  
(603) 798-5700

Private

Total Sales FYE 7/82: \$1,750,000 Est.  
Computer Services Offered: • Processing

**Micro Business Systems, Inc.**

7725 Broadway, Suite B  
Merrillville, IN 46410  
(219) 769-3445

Roger Pace, Vice President

Private

Total Sales FYE 7/84: \$500,000 Est.  
Computer Services Offered: • Software Products

## Directory of Computer Services Companies

**Micro D, Inc.**

17406 Mt. Cliffwood Circle  
Fountain Valley, CA 92708  
(714) 540-4781  
Richard G. Lionetti, President

Public

Total Sales FYE 10/83: \$70,960,628

Cptr. Svcs. Revs. FYE 10/83: \$23,400,000

Computer Services Offered: • Software Products

**Micro Data Base Systems, Inc. Inc.**

660 North 36th Street  
Lafayette, IN 47902  
(317) 463-2581

Dr. Gary Koehler, President

Private

Total Sales FYE 12/84: \$5,000,000 Est.

Computer Services Offered: • Software Products •

Professional Services • Turnkey Systems

**Micro Five Corp.**

17791 Sky Park Circle  
Irvine, CA 92714  
(714) 957-1517

Computer Services Offered: • Software Products

**Micro Focus Inc.**

See: Micro Focus Ltd.

**Micro Focus Ltd.**

## SUBSIDIARIES:

**Micro Focus Inc.**

2465 E. Bayshore Road Suite 400  
Palo Alto, CA 94303  
(415) 856-4161

Paul Adams, President

Public

Total Sales FYE 11/82: \$8,000,000 Est.

Computer Services Offered: • Software Products

**Micro Information Systems, Inc.**

Richardson Plaza Route 309 & Richardson Rd.  
Montgomeryville, PA 18936  
(215) 855-2700

Stanley I. Simkins, President

Private

**Micro Macro Systems Inc.**

10 Columbus Circle, 25th Floor  
New York, NY 10019  
(212) 246-4242

Joseph Forgiione, President

Private

Total Sales FYE 6/81: \$1,300,000 Est.

Computer Services Offered: • Processing • Software

Products • Professional Services • Turnkey Systems

**Micro Solutions, Inc. (MSI)**

8511 Washington Blvd.  
Culver City, CA 90230  
(213) 559-3940

Ronald Olch, President

Private

Total Sales FYE 3/82: \$750,000 Est.

Computer Services Offered: • Software Products •

Professional Services • Turnkey Systems

**Micro Systems Software**

2905 Homestead Road  
Santa Clara, CA 95051  
(408) 984-0660

George R. Fraine, Proprietor

Private

Total Sales FYE 12/83: \$180,000

Computer Services Offered: • Software Products •  
Professional Services

**Micro-Ap Inc.**

7033 Village Parkway, No. 206  
Dublin, CA 94566  
(415) 828-6697

Robert Goodman, President

**Micro-Base Associates, Inc.**

3477 East Livingston  
Columbus, OH 43227  
(614) 231-2130

Schumann Rafizadeh, Vice President

Private

Total Sales FYE 7/81: \$450,000 Est.

Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**Micro-Call Services**

P.O. Box 650  
Laurel, MD 20707  
(301) 776-5253

Tim J. Pugh, Jr., President

Private

Total Sales FYE 12/83: \$750,000 Est.

Computer Services Offered: • Software Products

**Micro-Tec, Inc.**

See: Computer Services, Inc.

**Microbol, Inc.**

P.O. Box 627  
Plymouth, FL 32768  
(305) 886-5854

Richard C. Call, President

Private

**Microcobol Products Inc.**

Name changed to: BOS National

**Microcom Inc.**

1400-A Providence Highway  
Norwood, MA 02062  
(617) 762-9310

Total Sales FYE 7/82: \$1,500,000 Est.

Computer Services Offered: • Software Products

**Microcommet**

See: Wilson Management Systems and Technology Group

**Microcomputer Systems Development**

29319 Golden Meadow Dr.  
Rancho Palos Verdes, CA 90274  
(213) 541-0437

**Micrographic and Computer Services**

See: McNair, John & Associates

## Directory of Computer Services Companies

**Micromark Systems**

5340 Thornwood Dr  
San Jose, CA 95123  
(408)578-2900

*Computer Services Offered:* • Turnkey Systems

**Micromedex Incorporated**

2750 South Shoshone Street  
Englewood, CO (303)  
Barry H. Rumack, M.D., President

Private  
Total Sales FYE 3/84: \$2,500,000 Est.  
*Computer Services Offered:* • Processing

**Micronomics Business Systems, Inc.**

1061 54th Street  
Brooklyn, NY 11219  
(212) 436-0381  
B. Rabinowicz, President

**MicroPro International Corporation**

33 San Pablo Avenue  
San Rafael, CA 94903  
(415) 499-1200  
H. Glen Haney, President and CEO

Public  
Total Sales FYE 8/83: \$44,925,000  
*Computer Services Offered:* • Software Products

**Microsoft Corporation**

10700 Northup Way, P.O. Box 97200  
Bellevue, WA 98009  
(206) 828-8080

William H. Gates, Chairman  
Private  
Total Sales FYE 12/83: \$68,000,000  
*Computer Services Offered:* • Software Products

**Mid-American Control Corporation**

U.S. 60 West, P.O. Box 57  
Shelbyville, KY 40065  
(502) 633-5700

George R. Arvin, President  
Private  
Total Sales FYE 10/84: \$4,000,000  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Mid-American Investment**

## SUBSIDIARIES:

**Educational Methods, Inc.**

PO Box 2908  
Denver, CO 80201  
(303)770-2571  
Kathleen Heinrich, President

Total Sales FYE 12/81: \$900,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Mid-Continent Computer Service Inc.**

Merged with: ADAC Laboratories

**Midco Data Systems**

See: Dakco Distributors

**Midcom Corporation**

1940 North Tustin, Suite 101  
Orange, CA 92665  
(714) 998-6041

Stephen F. Grande, President

Private  
Total Sales FYE 9/84: \$3,000,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Midwest Data Systems, Inc.**

See: Celina Financial Corp.

**Midwest Stock Exchange and DST, Inc.**

## SUBSIDIARIES:

**Illinois Stock Transfer Inc.**

223 W Jackson  
Chicago, IL 60606  
(312)427-2953  
George Pearson, President

**Miller Computing Corp.**

See: Miller Technology and Communications

**Miller Microcomputer Services**

61 Lake Shore Rd.  
Natick, MA 01760  
(617) 653-6136  
A. Richard Miller, Partner

Private

**Miller Technology and Communications**

## SUBSIDIARIES:

**Miller Computing Corp.**

4837 E McDowell Dr  
Phoenix, AZ 85008  
(602)254-1129

Chuck Winslow, President  
Cptr. Svcs. Revs. FYE 9/81: \$1,700,000  
*Computer Services Offered:* • Turnkey Systems

**Miller-O'Flynn**

10459 Jefferson Blvd.  
Culver City, CA 90230  
(213) 345-9615

Don Miller, President  
Private

**Millerick & Associates Inc.**

655 Redwood Hwy, Ste 243  
Mill Valley, CA 94941  
(415)383-7332

*Computer Services Offered:* • Software Products

**Milton Allen & Associates, Inc.**

300 East Ohio Building, 1717 East 9th Street  
Cleveland, OH 44114  
(216) 861-8100

Milton N. Allen, President  
Private  
Total Sales FYE 6/84: \$2,500,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services

## Directory of Computer Services Companies

**MIMICS, Inc.**

6427 Hillcroft, Ste. 331  
Houston, TX 77081  
(713) 440-0083  
Rich Wildgerube, President  
Private  
Total Sales FYE 7/83: \$600,000 Est.  
Computer Services Offered: • Turnkey Systems

**Mincron SBC Corporation**

350 Fifth Ave. Suite 2810  
New York, NY 10118  
(212) 736-7970  
Computer Services Offered: • Software Products • Professional Services

**Mineweld Company of Indiana**

## DIVISIONS:

**Mineweld Data Management Center**

5420 W. Morris Street  
Indianapolis, IN 46241  
(317) 248-8585

**Mineweld Data Management Center**

See: Mineweld Company of Indiana

**Mini Computer Application Software (MCAS)**

P.O. Box 2553  
Orcutt, CA 93454  
(805) 735-1069

**Mini Computer Systems International Inc.**

7420 Ranco Rd.  
Richmond, VA 23228  
(804) 264-0867

**Mini Data Systems**

2041 Rosecrans Ave.  
El Segundo, CA 90245  
(213) 640-0404  
Bill Myers, President  
Private  
Total Sales FYE 6/83: \$1,500,000 Est.  
Computer Services Offered: • Turnkey Systems

**Mini-Computer Business Applications, Inc. (MCBA)**

2441 Honolulu Avenue  
Monroeville, CA 91020  
(818) 957-2900  
Stina Hans, President  
Private  
Total Sales FYE 3/84: \$7,885,000  
Computer Services Offered: • Software Products

**Mini-Computer Support Group**

3645 Warrensville Center Rd  
Shaker Heights, OH 44122  
(216) 283-2000  
Richard Maler, President  
Private  
Total Sales FYE 7/81: \$1,500,000 Est.  
Computer Services Offered: • Software Products

**Mini-Computer Systems Inc.**

399 Fairview Park Dr.  
Elmsford, NY 10523  
(914) 592-8812

**Mini-Computer Systems, Inc.**

5 Corporate Park Drive  
White Plains, NY 10604  
(914) 694-1104  
Michael W. Brennan, President and CEO  
Public  
Total Sales FYE 10/83: \$6,178,553  
Cptr. Svcs. Rev. FYE 10/83: \$1,500,000 Est.  
Computer Services Offered: • Software Products • Turnkey Systems

**Mini-Probe Corporation**

6605 Woodhaven Boulevard  
Rego Park, NY 11374  
(212) 830-0110  
G.P. O'Malley, President  
Computer Services Offered: • Processing • Turnkey Systems

**Mini-Systems Associates**

634 Venice Boulevard  
Marina del Rey, CA 90291  
(213) 822-0573  
Daniel Reinhardt, President  
Private  
Total Sales FYE 1/84: \$2,500,000 Est.  
Computer Services Offered: • Professional Services

**Minicomputer Company of Maryland, Inc.**

21 Governors Court, Rutherford Business Center  
Baltimore, MD 21207  
(301) 281-2000  
Robert W. Johnson, President  
Total Sales FYE 12/83: \$1,842,000  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Minicomputer Sales & Leasing, Inc.**

4 Gary Road  
Union, NJ 07083  
(201) 964-6700  
Theodore M. Sabarese, President  
Private

**Minicomputer Systems Technology, Inc.**

399 Fairview Park Dr  
Elmsford, NY 10523  
(914) 592-8812  
Bill Doniger, President

**Minidata Services, Inc.**

1259 Route 46  
Parsippany, NJ 07054  
(201) 263-0020  
Edward Bindel, President

## Directory of Computer Services Companies

**Minimax Research Corp.**

2435 Durant Avenue  
Berkeley, CA 94704  
(415) 548-2548  
Carlos M. Puig, President

Private

*Computer Services Offered:* • Processing • Software  
*Products* • Professional Services

**Miningham & Oellerich, Inc.**

225 Broadway  
New York, NY 10007  
(212) 349-4410  
John P. Oellerich, President

Private

Total Sales FYE 12/83: \$1,500,000 Est.  
*Computer Services Offered:* • Processing • Software  
*Products* • Professional Services • Turnkey Systems

**Minitab, Inc.**

215 Pond Laboratory  
University Drive, PA 16802  
(814) 865-1595  
Thomas A. Ryan, President

Private

Total Sales FYE 6/84: \$1,000,000 Est.  
*Computer Services Offered:* • Software Products

**Minnesota Information Systems Corporation**

*See:* Decision Systems, Inc.

**Minute Man Mailers**

SUBSIDIARIES:

**Mailing Data Services**

510 E. Commercial Ave.  
Los Angeles, CA 90012  
(213) 626-6301  
William J. Atherston, President

**Minuteman Computer Corporation**

*Name changed to: Production Systems*

**Misco**

3601 N. Miami Ave.  
Miami, FL 33137  
(305) 576-0522  
Omer S. Bader, President

Private

Total Sales FYE 6/82: \$758,000  
*Computer Services Offered:* • Processing

**Mitchell Matics**

*See:* Cordova Corporation

**Mitchell Systems Inc.**

SUBSIDIARIES:

**Structural Programming Inc.**

83 Boston Post Rd.  
Sudbury, MA 01776  
(617) 443-5366  
Neal B. Mitchell, Jr., President

**Mitre Corporation**

10301 Middlesex Turnpike  
Bedford, MA 01730  
(617) 271-2000

Robert R. Everett, President and CEO

Public

Total Sales FYE 7/83: \$240,394,500  
Cptr. Svcs. Revs. FYE 7/83: \$120,000,000 Est.  
*Computer Services Offered:* • Professional Services

**Mitrol, Inc.**

*See:* General Electric Company

**Mnemonics Incorporated**

280 Connecticut Avenue  
Norwalk, CT 06854  
(203) 853-7511  
Henry T. Teller, President

Private

Total Sales FYE 10/84: \$1,200,000  
*Computer Services Offered:* • Processing • Software  
*Products* • Professional Services • Turnkey Systems

**Mobius Division**

*See:* Nabu Manufacturing Corp.

**Modern Computer Systems Corp**

6356 South Tamiami Trail  
Sarasota, FL 33581  
(813)923-2584

Robert W. Slusarz, President

*Computer Services Offered:* • Software Products

**Modular Information Systems, Inc. (MIS)**

1403 West Colonial Drive  
Orlando, FL 32804  
(305) 422-4160

Gene Wiley, President

Private

Total Sales FYE 1/84: \$5,000,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Modulus Medical Data Systems Inc.**

520 Mercury Drive  
Sunnyvale, CA 94086  
(408) 773-8686

George Liviakis, President

Private

Total Sales FYE 12/84: \$700,000 Est.  
*Computer Services Offered:* • Processing • Turnkey  
Systems

**Molecular Design Ltd.**

1122 B St  
Hayward, CA 94541  
(415) 581-1996

*Computer Services Offered:* • Software Products

**Monchik-Weber California, Inc.**

*See:* McGraw-Hill, Inc.

**Monchik-Weber Corporation**

*See:* McGraw-Hill, Inc.

**Monchik-Weber Metro Data, Inc.**

*See:* McGraw-Hill, Inc.

## Directory of Computer Services Companies

### Money Management Systems, Inc.

303 Wyman St.  
Waltham, MA 02154  
(617) 890-2070  
W. Benton Jones, President  
Private  
Total Sales FYE 6/81: \$2,000,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

### Money Tree Systems Inc.

P.O. Box 41  
McFarland, WI 53558  
(608) 838-8273

### Montgomery Data Systems Inc.

10400 Connecticut Avenue  
Kensington, MD 20795  
(301) 949-1898  
Lynne L. Riley, President  
Private  
Total Sales FYE 2/82: \$800,000 Est.  
Computer Services Offered: • Processing

### Moore Business Forms

#### DIVISIONS:

#### Moore Data Management Systems

South Highway 100, 400 E. Parkdale Plaza  
St. Louis Park, MN 55416  
(612) 540-1000  
Lou Rupnik, VP & General Manager  
Total Sales FYE 12/83: \$49,700,000  
Cptr. Svcs. Revs. FYE 12/83: \$9,940,000  
Computer Services Offered: • Processing • Professional  
Services • Turnkey Systems

### Moore Data Management Systems

See: Moore Business Forms

### Moore Data Systems Inc.

P.O. Box 3616  
Baton Rouge, LA 70821  
(504) 928-1763  
Harley Moore, President  
Private

### Morgan Guaranty Trust

23 Wall St.  
New York, NY 10005  
(212) 483-2323  
Walker H. Page, President

### Morino Associates Inc.

Westwood Center Drive  
Vienna, VA 22180  
(703) 734-9494  
Mario M. Morino, President  
Private  
Total Sales FYE 6/83: \$8,200,000  
Computer Services Offered: • Software Products

### Mortada International

7616 LBJ Freeway, Suite 406  
Dallas, TX 75251  
(214) 233-7703

### Mountain Software Growers, Inc.

5201 Mitchelldale, Suite B-4  
Houston, TX 77092  
(713) 680-3059  
Toby Atkinson, CEO  
Private  
Total Sales FYE 2/85: \$2,000,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

### Mountain States Computing

#### SUBSIDIARIES:

#### A Data Services

1142 Indian School Rd., W.  
Phoenix, AZ 85011  
(602) 277-4413  
Fred Schmitt, President

### Multibank Computer

See: Multibank Financial Corp.

### Multibank Financial Corp.

#### SUBSIDIARIES:

#### Multibank Computer

11 Midstate Dr.  
Auburn, MA 01501  
(617) 832-5344  
Herman Hipson, President

### Multiccept Corporation

201 West Pine St.  
Rome, NY 13440  
(315) 337-1000  
Barry Moritz, President  
Private

### Multinational Computer Models, Inc.

605 Bloomfield Avenue  
Montclair, NJ 07042  
(201) 746-5060  
Abraham George, President  
Private  
Total Sales FYE 12/83: \$1,500,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services

### Multiple Funding Services Inc.

Merged with: Dun & Bradstreet Computing

### Multiplications, Inc.

1050 Massachusetts Ave Suite 2300  
Cambridge, MA 02138  
(617) 864-5810  
Michael H. Pomerantz, President  
Private  
Total Sales FYE 4/82: \$2,400,000  
Computer Services Offered: • Software Products •  
Professional Services

### MultiTask, Inc.

1007 Farmington Ave, Ste 15  
West Hartford, CT 06107  
(203) 232-2142  
Computer Services Offered: • Software Products

## Directory of Computer Services Companies

**Muse Software**

347 N. Charles St.  
Baltimore, MD 21201  
(301) 659-7212  
Edward Zaron, President

Private

Computer Services Offered: • Software Products

**Mutual Data Inc.**

Acquired/merged with: Policy Management Systems

**Mycroshare, Inc.**

135 Lake Street  
S. Kirkland, WA 98033  
(206) 822-6074  
Paul H. Nye, President

**Mylee Digital Sciences, Inc.**

155 Weldon Parkway  
Maryland Heights, MO 63043  
(314) 567-3420

James R. Moog, President

Public

Total Sales FYE 10/83: \$3,216,940

Computer Services Offered: • Turnkey Systems

**NCA Corporation**

3250 Jay Street  
Santa Clara, CA 95054  
(408) 986-1800

Mark W. Ciotek, Chairman and President

Public

Total Sales FYE 12/83: \$17,974,000

Cptr. Svcs. Revs. FYE 12/83: \$17,630,000

Computer Services Offered: • Processing • Software Products

**NCI, Inc.**

Absorbed by: Pansophic Systems, Inc.

**NCR Corporation**

## SUBSIDIARIES:

**Applied Digital Data Systems, Inc.**

100 Marcus Boulevard  
Hauppauge, NY 11787  
(516) 231-5400

David G. Laws, President

Cptr. Svcs. Revs. FYE 12/83: \$4,000,000 Est.

Computer Services Offered: • Software Products

## DIVISIONS:

**EFT and Data Services Division**

## DIVISIONS:

**NCR Data Services**

1700 S. Patterson Blvd.  
Dayton, OH 45479  
(513) 445-4600

James D. Wise, Asst. Vice President

Cptr. Svcs. Revs. FYE 12/83: \$80,000,000 Est.

Computer Services Offered: • Processing

**NCR Data Services**

See: NCR Corporation

**NDC Federal Systems, Inc.**

See: National Data Corporation

**NJL Data Corporation**

See: New Jersey Life

**NLT Computer Services**

Name changed to: Endata, Inc.

**NMF SunData**

See: SunData Corporation

**NMG Systems Inc.**

220 Montgomery St., Ste. 990  
San Francisco, CA 94104  
(415) 398-3215

Computer Services Offered: • Software Products

**NSA, Inc.**

One Cherry Hill  
Cherry Hill, NJ 08002  
(609) 667-5000

Nathan Konecky, President

Public

Total Sales FYE 9/83: \$4,659,601

Computer Services Offered: • Professional Services

## SUBSIDIARIES:

**Arms, Inc.**

One Cherry Hill  
Cherry Hill, NJ 08002  
(609) 667-5000

Gerry Angermann, President

Computer Services Offered: • Processing

**Interactive Information System Inc.**

546 Penn Avenue  
West Reading, PA 19611  
(215) 375-6265

Russell Hinnershitz, President

Public

Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**National Systems Analysts Inc.**

One Cherry Hill, Suite 300  
Cherry Hill, NJ 08034  
(609) 667-5000

Nathan Konecky, President

**NAB Software Services**

3236 Candlelight, NE  
Albuquerque, NM 87111  
(505) 298-2346

Computer Services Offered: • Software Products



## Directory of Computer Services Companies

**Nabu Manufacturing Corp.**

485 Richmond Rd  
Ottawa, ON K1A0B  
(613)725-3300  
John B. Kelly, Chairman  
Private

*Computer Services Offered:* • Software Products • Professional Services

## DIVISIONS:

**Mobius Division**

485 Richmond Rd  
Ottawa, ON K1A0B  
(613)725-3300  
David A. Clark, President  
Total Sales FYE 2/81: \$1,028,000

*Computer Services Offered:* • Software Products • Professional Services

**National Bancard Corporation**

See: Continental Telecom Inc.

**National Bank of Commerce**

1525 Elm Street, LTV Tower P.O. Box 2249  
Dallas, TX 75221  
(214) 828-5660  
John Schultz, Senior Vice President of DP  
Private

## SUBSIDIARIES:

**Commerce General Corp.**

1878 E. Broons Rd.  
Memphis, TN 38116  
(901) 345-3990  
Ron Young, President  
Private

**National Bank of Virginia**

## SUBSIDIARIES:

**Data Corp of Virginia, Inc.**

RNB Center  
Harrisburg, VA 22801  
(703) 434-1331  
C. Sheldon Layman, President  
Private

**National Billing Systems, Inc.**

See: National Data Corporation

**National Business Systems, Inc.**

9110 Meadowview Rd  
Minneapolis, MN 55420  
(612) 835-5226  
David Ihle, President  
Private

## SUBSIDIARIES:

**Key-Data Associates, Inc.**

6043 Hudson Rd  
St. Paul, MN 51119  
(612)735-4700  
David Ihle, President

**National Check Records Corp.**

975 Stewart Avenue  
Garden City, NY 11530  
(516) 222-8610  
Ivan T. Berman, President  
Private

Total Sales FYE 12/83: \$10,000,000 Est.  
*Computer Services Offered:* • Processing

**National Color Labs**

## SUBSIDIARIES:

**Wincl Corporation, The**

306 West First Avenue  
Roselle, NJ 07203  
(201) 245-6444  
Dennis H. Dwyer, Vice President  
Private

**National Computer Analysts, Inc.**

99 Farber Road  
Princeton, NJ 08540  
(609) 452-2800  
John J. Sheehan, President  
Public

Total Sales FYE 12/83: \$3,900,000  
*Computer Services Offered:* • Processing

**National Computer Network of Chicago, Inc.**

1929 N. Harlem Avenue  
Chicago, IL 60635  
(312) 622-6666  
James Leopold, President  
Private

**National Computer Systems, Inc.**

11000 Prairie Lakes Drive  
Eden Prairie, MN 55344  
(612) 830-7600  
David C. Malmberg, President  
Public

Total Sales FYE 1/84: \$81,570,000  
Cptr. Svcs. Revs. FYE 1/84: \$18,795,000  
*Computer Services Offered:* • Processing • Turnkey Systems

**National CSS, Inc.**

Name Changed to D&B Computing Services, Inc.

**National Data Communications**

5540 Harvest Hill, Suite 150  
Dallas, TX 75230  
(214) 386-0600  
Jack S. Young, Chairman and President  
Public

Total Sales FYE 10/83: \$6,591,000  
*Computer Services Offered:* • Professional Services • Turnkey Systems

**National Data Corporation**

One National Data Plaza, Corporate Square  
Atlanta, GA 30329  
(404) 329-8500  
L. C. Whitney, Chairman and CEO  
Public

Total Sales FYE 5/84: \$139,027,000  
*Computer Services Offered:* • Processing • Professional Services • Turnkey Systems

## Directory of Computer Services Companies

## SUBSIDIARIES:

**NDC Federal Systems, Inc.**

1300 Piccard Drive  
Rockville, MD 20850  
(301) 258-9200

*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**National Billing Systems, Inc.**

12 Corporate Square  
Atlanta, GA 30329  
(404) 325-4411

*Computer Services Offered:* • Processing

**National Data Services, Inc.**

21835 Nordhoff Street  
Chatsworth, CA 91311  
(818) 882-7360

Charles J. Flynn, President

Private

Total Sales FYE 3/84: \$744,000

*Computer Services Offered:* • Processing • Software  
Products

**National Database Software, Inc. (NDS)**

54808 Centerbrook Rd.  
West Bloomfield, MI 48033  
(313) 851-5560

David Kleinberg, President

Private

**National Datacenter Corp.**

181 West Pender St.  
Vancouver, BC V6B 1  
(604) 682-4262

J.G. Bartlett, Executive Vice President

Private

Total Sales FYE 3/81: \$4,800,000

*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**National Decision Systems, Inc.**

539 Encinitas Boulevard  
Encinitas, CA 92024  
(619) 942-7000

Michael Standbury, President

Private

Total Sales FYE 7/83: \$5,000,000 Est.

*Computer Services Offered:* • Processing

**National Dynamics, Inc.**

2285 Elmwood Dr.  
Smyrna, GA 30080  
(404) 433-3000

Gerald Cohen, Exec. Vice President

Private

**National Economic Research Associates, Inc.**

5 World Trade Center, 8Th Fl  
New York, NY 10048  
(212) 524-7800

Irwin Stelzer, President

Private

Cptr. Svcs. Revs. FYE 12/81: \$500,000 Est.

*Computer Services Offered:* • Processing

**National Education Corporation**

## DIVISIONS:

**Brown Computer Center**

2716 E Lake St  
Minneapolis, MN 55406  
(612) 721-2481

Steve Wells, Manager of DP Services

**National Electronic Information Corporation**

675 Third Avenue  
New York, NY 10017  
(212) 986-3330

Robert S. Bradley, President

Private

Total Sales FYE 1/84: \$5,000,000 Est.

*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**National Electronic Information Corp.**

675 Third Avenue  
New York, NY 10017  
(212) 986-3330

Robert Bradley, President

Private

Total Sales FYE 7/83: \$2,500,000 Est.

*Computer Services Offered:* • Processing • Software  
Products

**National Evaluation Systems, Inc.**

30 Gatehouse Rd PO Box 226  
Amherst, MA 01004  
(413) 256-0444

William Phillip Gorth, President

Private

Total Sales FYE 6/81: \$4,600,000 Est.

Cptr. Svcs. Revs. FYE 6/81: \$1,500,000 Est.

*Computer Services Offered:* • Professional Services

**National FSI, Inc.**

See: Information Science Incorporated

**National Information Systems, Inc.**

20370 Town Center Lane, Suite 130  
Cupertino, CA 95014  
(408) 257-7700

Arden P. Scott, President

Private

Total Sales FYE 12/84: \$4,500,000 Est.

*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**National Information Utility**

1600 Anderson Rd  
McLean, VA 22102  
(703) 734-7000

Jack Taub, President

*Computer Services Offered:* • Processing

**National Integrated Software Services Inc**

See: McDonnell Douglas Automation Company

## Directory of Computer Services Companies

**National Management Systems, Ltd.**

3337 Duke Street, Quaker Professional Square  
Alexandria, VA 22314

(703) 823-0300

Robert Tillson, President

Private

Total Sales FYE 12/84: \$500,000

**Computer Services Offered:** • Software Products • Professional Services

**National Planning Data Corporation**

20 Terrace Hill

Ithaca, NY 14850

(607) 273-8208

Douglas C. Salter, President

Private

**Computer Services Offered:** • Processing • Software Products

**National Real Estate Exchange**

418 Clayton Street

San Francisco, CA 94117

(415) 221-2121

Ron Greybeal, President

Private

**National ShareGraphics, Inc.**

1949 Stemmons Freeway

Dallas, TX 75207

(214) 651-1025

Del Knowler, President

Private

**National Shawmut Bank of Boston**

One Federal Street

Boston, MA 02110

(617) 292-2147

**National Spinning Company, Inc.****SUBSIDIARIES:****Network Computing Corporation**

5301 77 Center Drive, Suite 40

Charlotte, NC 28210

(704) 525-8810

James V. Tomai, President

Total Sales FYE 12/83: \$9,000,000

**Computer Services Offered:** • Processing • Software Products • Professional Services • Turnkey Systems

**National Systems & Services**

1337 Grendel Wy

Sacramento, CA 95833

(415) 574-5655

**National Systems Analysts Inc.**

See: NSA, Inc.

**National Systems Corporation**

2241 West Howard Street

Chicago, IL 60645

(312) 338-6611

**National Systems, Inc.**

320 N Main St, Ste 303 PO Box 7751

Ann Arbor, MI 48107

(313)996-1969

Daniel P. Mincavage, President

Private

**Computer Services Offered:** • Processing • Software Products • Professional Services • Turnkey Systems

**National Time Sharing & Data Service**

8404 Pine Ave. P.O. Box 70

Niagara Falls, NY 14304

(716) 297-0553

**National Training Systems**

See: Safeguard Business Systems, Inc.

**Nationwide Computer Services**

Interstate Hwy. 45, N.

Ennis, TX 75119

(214)227-2900

**Nelson & Bauman, Inc.**

15 Maiden Lane, Suite 402

New York, NY 10038

(212) 406-4585

Edward W. Nelson, President

Private

Total Sales FYE 6/84: \$1,000,000 Est.

**Computer Services Offered:** • Processing • Software Products • Turnkey Systems

**Neodata Services**

See: Dun and Bradstreet

**Neoterics, Inc.**

Acquired/merged with: Computer Task Group Inc.

**Neshaminy Valley Information Processing****Inc. (NVIP)**

See: Combined International Corp.

**Nestar Systems Inc. Palo Alto ICS****Division**

2585 E. Bayshore Rd.

Palo Alto, CA 94303

(415) 493-2223

Harry J. Saal, President

Private

**Network Communications International**

2639 Parkmont Ct. SW

Olympia, WA 98502

(206) 754-4780

Philip Tenkhoff, President

Private

**Network Computing Corporation**

See: National Spinning Company, Inc.

**Network Consultants, Inc.**

See: General Electric Company

## Directory of Computer Services Companies

**Network Data Processing Corporation**

321 Third Street Southeast  
Cedar Rapids, IA 52401  
(319) 365-8691  
John D. Ballard, President  
Public  
Total Sales FYE 3/84: \$2,545,896  
Cptr. Svcs. Revs. FYE 3/84: \$2,486,000  
*Computer Services Offered:* • Processing • Software Products

**New Century Freight Traffic Association**

See: The Marmon Group

**New Directions**

See: Data Directions, Inc.

**New England Management Services Inc**

240 Bradley St  
New Haven, CT 06510  
(203) 787-3281  
Ned B. Wilson, President  
*Computer Services Offered:* • Software Products

**New Jersey Life**

## SUBSIDIARIES:

**NJL Data Corporation**

Park 80 Plaza West  
Saddle Brook, NJ 07662  
(201) 843-4240

**New Systems, Inc.**

2505 East Thomas Road  
Phoenix, AZ 85016  
(602) 956-0990  
David L. Warren, President  
Private  
Total Sales FYE 9/84: \$2,000,000  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**New York and American Stock Exchanges**

## SUBSIDIARIES:

**Securities Industry Automation Corporation**

55 Water Street  
New York, NY 10041  
(212) 623-7751  
Charles B. McQuade, President  
Total Sales FYE 12/83: \$140,000,000 Est.  
*Computer Services Offered:* • Processing

**New York Times Information Service**

Acquired/merged with: Mead Data Central

**NewsNet, Inc.**

See: Independent Publications, Inc.

**Nichols & Company Inc.**

5839 Green Valley Circle Suite 104  
Culver City, CA 90230  
(213) 670-6400  
John F. Nichols, President  
Private  
Total Sales FYE 12/81: \$1,500,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**NIDUS Systems**

1932 14th  
Boulder, CO 80302  
(303) 442-8057

**Nielsen, A.C. Company**

See: Dun and Bradstreet

**Nixdorf Computer AG**

## SUBSIDIARIES:

**Nixdorf Computer Software Co.**

6517 Everglades Dr.  
Richmond, VA 23225  
(804) 276-9200  
Jose Santiago, President  
Total Sales FYE 12/83: \$10,000,000 Est.  
*Computer Services Offered:* • Software Products

**Nixdorf Computer Software Co.**

See: Nixdorf Computer AG

**Noble Lowndes Group**

## SUBSIDIARIES:

**Woodward, Ryan, Sharp and Davis**

3 Park Ave.  
New York, NY 10016  
(212) 689-4100  
Gerald Guralnik, President  
Private  
Total Sales FYE 3/83: \$6,750,000 Est.  
Cptr. Svcs. Revs. FYE 3/83: \$4,600,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Noesis Computing Company**

615 Third Street  
San Francisco, CA 94107  
(415) 495-7440  
Robert V. Scavullo, President

**Nordata, Inc.**

100 Route 46  
Mountain Lakes, NJ 07046  
(201) 335-0050  
Carl Mazzo, President  
Private  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Norrell Systems Corporation**

3098 Piedmont Rd., Suite 404  
Atlanta, GA 30305  
(404) 262-2100  
Guy W. Millner, President

## Directory of Computer Services Companies

**North American Controls (NAC)**

14755 S.E. 82 Dr.  
Clackamas, OR 97015  
(503) 657-0211

**North American National Corporation**

## SUBSIDIARIES:

**Asset Data Systems Inc.**

1015 East Broad Street  
Columbus, OH 43205  
(614) 253-7455  
John C. Miller, President

**North American Processing**

6160 S. Syracuse Way  
Englewood, CO 80237  
(303) 694-3666  
Wayne Woodside, Vice President  
*Computer Services Offered:* • Processing

**North County Computer Services**

*Name Changed To: Userware International*

**Northeast Data Systems Inc.**

20 A Street  
Burlington, MA 01803  
(617) 273-2920  
Randolf Nayler, President

Private  
Total Sales FYE 12/82: \$1,900,000 Est.  
*Computer Services Offered:* • Turnkey Systems

**Northeast Datacom Inc.**

Barnes Industrial Park North P.O. Box 5014, 4 Tower Dr.  
Wallingford, CT 06492  
(203) 265-3455  
Larry Morse, President  
Private

**Northeastern Computer Service Inc.**

*See: St. Lawrence National Bank*

**Northwest Analytical Inc.**

1532 SW Morrison St  
Portland, OR 97205  
(503) 224-7727  
J. L. Cawley, President

Private  
Total Sales FYE 12/81: \$300,000  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Northwest Bank Corporation**

*Name changed to: Norwest Bank Minneapolis, N.A.*

**Northwest Keypunch, Inc.**

2021 East Hennepin Avenue  
Minneapolis, MN 55413  
(612) 379-7910  
R. J. Walters, President  
Private  
*Computer Services Offered:* • Processing

**Northwest Management Services, Inc.**

2323 Eastlake Ave East  
Seattle, WA 98102  
(206) 329-9990  
John Hughes, President  
Private  
Total Sales FYE 3/84: \$3,900,000 Est.  
*Computer Services Offered:* • Processing

**Norwest Bank Minneapolis, N.A.**

*See: Norwest Corporation*

**Norwest Computer Services, Inc.**

*See: Norwest Corporation*

**Norwest Corporation**

## SUBSIDIARIES:

**Norwest Bank Minneapolis, N.A.**

## SUBSIDIARIES:

**Norwest Computer Services, Inc.**

Seventh & Marquette, P.O. Box B-1397  
Minneapolis, MN 55480  
(612) 372-8199  
Frank Powell, President  
Cptr. Svcs. Revs. FYE 12/83: \$10,900,000  
*Computer Services Offered:* • Processing

**Norwest Financial, Inc.**

207 Ninth Street  
Des Moines, IA 50307  
(515) 243-2131  
Richard J. Brinkman, President  
Public  
Cptr. Svcs. Revs. FYE 12/83: \$14,012,517  
*Computer Services Offered:* • Processing

**Norwest Financial, Inc.**

*See: Norwest Corporation*

**Nour Corporation**

2740 S. Harbor Blvd. Suite A  
Santa Ana, CA 92704  
(714) 754-6667

**Nova Computing Services**

*Name Changed to: Southern Computing Services, Inc.*

**Nova Computer System, Inc.**

190 South King St., Ste. 800  
Honolulu, HI 96813  
(808) 521-8011  
Howard H. S. Tan, President  
Private  
*Computer Services Offered:* • Processing • Turnkey Systems

**Nu-Comp Systems, Inc.**

1573 Selby Avenue  
St. Paul, MN 55104  
(612) 646-4507  
Bahram Yusefzadeh, President  
Private

## Directory of Computer Services Companies

**NUCO Systems, Inc.**

See: Security America Corporation

**Numerax, Inc.**

230 West Passaic Street

Maywood, NJ 07607

(201) 368-0170

Keith J. Kennan, President and CEO

Public

Total Sales FYE 6/84: \$8,115,014

Cptr. Svcs. Revs. FYE 6/84: \$7,300,000 Est.

Computer Services Offered: • Processing

**Numeri/Comp, Inc.**

703 Grove St

Rockford, IL 61108

(815) 963-2435

Emil Hahn, President

Private

**Numeric Computational Systems**

704 Preston Rd.

Erdenheim, PA 19118

(215) 233-3360

Tom March, President

Private

**Numeridex, Inc.**

241 Holbrook Drive P.O. Box 11000

Wheeling, IL 60090

(312) 541-8840

William Gapp, President

Private

Total Sales FYE 12/84: \$10,000,000 Est.

Cptr. Svcs. Revs. FYE 12/84: \$6,000,000 Est.

Computer Services Offered: • Software Products • Turnkey Systems

**NYPLAN, Inc.**

12515 Willows Road N.E.

Kirkland, WA 98034

(206) 821-6800

Paul H. Nye, President

Public

Total Sales FYE 7/84: \$750,000 Est.

Computer Services Offered: • Software Products

**OAQ**

7500 Greenway Center

Greenbelt, MD 20770

(301) 345-0700

Cecil Barker, Chairman

Private

Total Sales FYE 6/82: \$40,000,000

Cptr. Svcs. Revs. FYE 6/82: \$39,000,000

Computer Services Offered: • Processing • Professional Services

**ODS Systems, Inc.**

See: Tung, C. Y.

**OEM Data Systems, Inc.**

40 Orville Drive

Bohemia, NY 11716

(516) 567-7777

J. Sandler, President

**OK Data Services**

229 West Avenue

Darien, CT 06820

(203) 655-2727

Buzz Bellefleur, President

Private

**OLI Systems, Inc.**

31 S Street Suite 907-910

Marstown, NJ 07960

(212) 736-7257

Marshall Rafal, Ph.D., President

Private

**O'Tech Group Inc.**

## DIVISIONS:

**Insoft**

10175 SW Barbur Blvd, Ste 202B

Portland, OR 97219

(503) 244-4181

Computer Services Offered: • Software Products

**Oak Software**

300 South Duncan Ave

Clearwater, FL 33515

(813) 441-1219

Computer Services Offered: • Software Products

**Oasys, Inc. (Office Automation Systems)**

60 Aberdeen Ave

Cambridge, MA 02138

(617) 491-4180

Murray Ruben, President

Private

Computer Services Offered: • Software Products

**Oatman Computer Services, Inc.**

3300 Nolt Road

Lancaster, PA 17601

(717) 397-5671

James M. Oatman, President

Private

Total Sales FYE 10/83: \$300,000

Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**Occidental Computer Systems, Inc.**

6666 Valjean Ave.

Van Nuys, CA 91406

(213) 782-3005

Paul D. Marchetti, President

Private

Total Sales FYE 1/81: \$800,000 Est.

Computer Services Offered: • Processing • Software Products • Turnkey Systems

## Directory of Computer Services Companies

**Occupational Computing Company, Inc.**

22311 Ventura Blvd. Suite 123  
Woodland Hills, CA 91364  
(813) 999-1919

Barry Lederman, President  
Private

Total Sales FYE 12/81: \$980,000 Est.

*Computer Services Offered:* • Software Products • Turnkey Systems

**Occupational Health Services Inc.**

400 Plaza Drive  
Secaucus, NJ 07094

(201) 865-7500  
Al Berger, General Manager

Private

Total Sales FYE 12/84: \$1,500,000 Est.

*Computer Services Offered:* • Processing • Professional Services • Turnkey Systems

**Ocean Data Systems**

6000 Executive Blvd.  
Rockville, MD 20850  
(301) 881-3031

**Oceanic Enterprises Inc.**

1823 York Road, Suite 2601  
Tintonium, MD 21093

(301) 561-1500

John Johnston, Jr., President

*Computer Services Offered:* • Processing • Professional Services

**OCTO Limited**

Martinsville Center  
Martinsville, NJ 08836

(201) 753-6286

James N. Ottobre, President  
Public

Total Sales FYE 6/84: \$5,861,402

*Computer Services Offered:* • Processing • Professional Services • Turnkey Systems

**Odin Datasystems**

425 Bush Street, Suite 205  
San Francisco, CA 94108

(415) 433-2165

Floyd H. Osborn, Chief Financial Officer  
Private

Total Sales FYE 6/83: \$1,250,000 Est.

*Computer Services Offered:* • Processing

**Office Automation Resources Inc**

9945 Burnham Dr  
Dallas, TX 75243

(214) 669-9077

Don W. Cole, President

*Computer Services Offered:* • Software Products

**Office Manager Inc., The**

See: TOM Software

**Office Services Inc. (OSI)**

730 North Post Oak Road 100  
Houston, TX 77024

(713) 688-9806

Terry Williams, President

Private

Total Sales FYE 12/81: \$1,000,000

*Computer Services Offered:* • Processing • Professional Services

**Officesmiths, Inc.**

331 Cooper Street  
Ottawa, ON K2P0G

(613) 235-6749

Glen McInnes, President

*Computer Services Offered:* • Software Products

**Offset Composition Services**

See: Photo Data Inc.

**Offshore Information Services, Inc.**

1 Central Avenue  
Tarrytown, NY 10591

(914) 631-1757

Robert Denzau, President

Private

Total Sales FYE 12/84: \$6,000,000 Est.

*Computer Services Offered:* • Processing

**Offutt Publishing**

PO Box 21288

Greensborough, NC 27420

(919) 373-1666

Robert L. Offutt, President

Private

Total Sales FYE 3/81: \$7,500,000 Est.

Cptr. Svcs. Revs. FYE 3/81: \$5,000,000 Est.

*Computer Services Offered:* • Processing • Turnkey Systems

**Ohio Valley Data Control, Inc.**

2505 Washington Blvd.

Belpre, OH 45714

(614) 423-9501

Robert W. Bom, President

Private

Total Sales FYE 6/83: \$6,000,000 Est.

*Computer Services Offered:* • Processing

## SUBSIDIARIES:

**Kanawha Valley Data Control, Inc.**

Carney Court

Dunbar, WV 25064

(304) 768-8841

Robert W. Bom, President

*Computer Services Offered:* • Processing

**Oil Data Processing Co.**

1888 Stebbins, Suite 101

Houston, TX 77043

Lynn Roloff, President

*Computer Services Offered:* • Processing

**Oil Industry Computer Services Inc.**

8700 Stemmons, Ste. 403

Dallas, TX 75247

(214) 631-1528

**Olamic Systems Corporation**

141 W. Jackson

Chicago, IL 60604

(312) 786-1410

Helen Mick, President

Private



## Directory of Computer Services Companies

**Old Stone Bank Computer Center**

443 Jefferson Blvd.  
Warwick, RI 02886  
(401) 739-8100

**Olson Research**

6305 Ivy Lane  
Greenbelt, MD 20770  
(301) 982-0400

Ronald L. Olson, Chairman And Cco

Private

Total Sales FYE 3/83: \$1,500,000 Est.

Computer Services Offered: • Professional Services

**Olympic Systems Inc.**

410 Macklyn Ave  
Santa Rosa, CA 95405  
(707)526-1294

Computer Services Offered: • Software Products

**Omega Microware, Inc.**

222 South Riverside Pl.  
Chicago, IL 60606  
(312) 648-4844

David Alpert, President

Private

Total Sales FYE 7/83: \$500,000 Est.

Computer Services Offered: • Software Products

**OMIKRON**

1127 Hearst St  
Berkeley, CA 94702  
(415)845-8013

Computer Services Offered: • Software Products

**Omni Computer Services**

320 Glynn St, N. P O Box 216  
Fayetteville, GA 30214  
(404)461-6083

Walt Graves, President

Private

**OMNI Resources, Inc.**

See: Kirchman Corporation

**Omni-American**

2306 West Meadowview Rd  
Greensboro, NC 27407  
(919) 852-0680

Charles Hayes, President

Private

Total Sales FYE 12/81: \$8,000,000

Computer Services Offered: • Turnkey Systems

**Omnibase Corporation**

321 Commercial Avenue  
Palisades Park, NJ 07650  
(201) 224-3535

**Omnicdata**

5717 Corsa Avenue  
Westlake Village, CA 91362  
(213) 991-5810

**Omtool Corporation**

1445 Main Street  
Tewksbury, MA 01876  
(617) 851-6245

Martin Schultz, President

Private

Total Sales FYE 12/84: \$750,000 Est.

Computer Services Offered: • Software Products • Professional Services

**On-Going Ideas**

RD No. 1, Box 810  
Starksboro, VT 05487  
(802) 453-4442

Hal Clark, Owner

Private

Total Sales FYE 12/83: \$200,000 Est.

Computer Services Offered: • Processing • Software Products • Professional Services

**On-Line Accounting Systems Inc.**

617 Fairview, P.O. Box 66827  
Houston, TX 77266  
(713) 529-9813

E.M. Wolf, Jr., President

Private

Total Sales FYE 12/83: \$3,000,000

Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**On-Line Business Systems Inc.**

115 Sansome Street  
San Francisco, CA 94104  
(415) 391-9555

Jeffery D. Stein, President & Chairman

Private

Total Sales FYE 10/83: \$200,000,000

Computer Services Offered: • Processing • Software Products

**On-Line Computer Systems, Inc.**

500 Newport Center Drive, Suite 715  
Newport Beach, CA 92660  
(714) 644-1801

Ray Wells, Chairman & President

Private

Total Sales FYE 6/84: \$5,000,000 Est.

Computer Services Offered: • Processing

**On-Line Data Processing**

N. 637 Hamilton  
Spokane, WA 99202  
(509) 484-2400

Ross Miller, President

Private

**On-Line Design Inc.**

See: Technology Management Systems International

**On-Line Software International, Inc.**

Fort Lee Executive Park, Two Executive Drive  
Fort Lee, NJ 07024  
(201) 592-0009

Jack M. Berdy, President and CEO

Public

Total Sales FYE 5/84: \$25,911,000

Cptr. Svcs. Revs. FYE 5/84: \$21,700,000

Computer Services Offered: • Software Products • Professional Services

## Directory of Computer Services Companies

**On-Trak Data Services Inc.**

2974 LBJ Frwy.  
Dallas, TX 75234  
(214)620-8000

**Online Computer Library Center Inc. (OCLC)**

6565 Frantz Rd  
Dublin, OH 43017  
(614)764-6000  
Rowland Brown, President  
Public

Total Sales FYE 6/83: \$47,768,600  
Cptr. Svcs. Revs. FYE 6/83: \$31,416,000  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Opcode, Inc.**

PO Box 66649  
Houston, TX 77006  
(713) 367-2033

*Computer Services Offered:* • Software Products

**Open Systems, Inc.**

See: UCCEL Corporation

**OPOC Computing Inc.**

58 Old Stewart Ave.  
Garden City Park, NY 11040  
(516) 741-1460  
Todd Johnson, President

Private  
Total Sales FYE 9/81: \$4,000,000 Est.  
*Computer Services Offered:* • Processing

**Oracle Corporation**

2710 Sand Hill Road  
Menlo Park, CA 94025  
(415) 854-7350  
Larry Ellison, President

Private  
Total Sales FYE 5/84: \$9,000,000 Est.  
*Computer Services Offered:* • Software Products

**Orbanco, Inc.**

## SUBSIDIARIES:

**American Data Services, Inc.**

4550 S.W. Macadam Avenue  
Portland, OR 97201  
(503) 224-9110  
Edward O. Haymond, Jr., Exec. V.P. and Gen. Mgr.

Public  
Total Sales FYE 12/83: \$6,130,000 Est.  
Cptr. Svcs. Revs. FYE 12/83: \$1,841,000  
*Computer Services Offered:* • Processing

**ORBIS, Inc.**

174 Armistice Boulevard  
Pawtucket, RI 02860  
(401) 728-0400  
Robert C. Halkyard, Chairman

Private  
Total Sales FYE 3/84: \$5,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Oregon Software, Inc.**

2340 SW Canyon Road  
Portland, OR 97201  
(503) 226-7760  
Don Baccus, President

Private  
Total Sales FYE 8/83: \$2,200,000 Est.  
*Computer Services Offered:* • Software Products

**Organization Change Corporation**

One Bestor Lane  
Bloomfield, CT 06002  
(203) 242-8883  
Frank M. Valier, President

Private  
Total Sales FYE 12/83: \$2,500,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Orr, Ken & Associates**

715 East 8Th  
Topeka, KS 66607  
(913)233-2349

Ken Orr, President  
*Computer Services Offered:* • Software Products • Professional Services

**Orr, Stewart P. & Associates**

*Acquired/merged:* Computer Associates International, Inc.

**Osborne/McGraw-Hill**

630 Bancroft Way  
Berkeley, CA 94710  
(415) 548-2805

**Output Reporting Inc.**

140 W. St. Charles  
Villa Park, IL 60181  
(312) 530-8810

**Overfelt Company, Inc.**

310 Traders National Bank Building  
Kansas City, MO 64106  
(816) 474-6760  
Charles R. Overfelt, President

Private

**Oxford Software Corporation**

174 Boulevard  
Hasbrouck Heights, NJ 07604  
(201) 288-1515  
Judd Shanker, President

Public  
Total Sales FYE 12/83: \$10,900,000 Est.  
*Computer Services Offered:* • Software Products

## SUBSIDIARIES:

**World Wide Software Associates**

174 Blvd.  
Hasbrouck Heights, NJ 07604  
(201)288-1515  
Dean Mohlstrom, Sr. Vice President

**P K Systems Inc.**

113 North Center  
Bloomington, IL 61701  
(309)828-6031

*Computer Services Offered:* • Turnkey Systems

## Directory of Computer Services Companies

**P.A. Computers & Telecommunications**

See: P.A. Consulting Services

**P.A. Consulting Services**

## DIVISIONS:

**P.A. Computers & Telecommunications**

707 Alexander Road

Princeton, NJ 08540

(609) 452-8748

John E. Jarvis, President

Private

Total Sales FYE 12/83: \$1,600,000 Est.

Computer Services Offered: • Software Products •

Professional Services

**P.B.S. Service Corporation**

33 Dartmouth St.

Malden, MA 02148

(617) 321-4033

**P.C. Quote, Inc.**

327 S. LaSalle Street

Chicago, IL 60604

(312) 922-9423

Louis J. Morgan, President and CEO

Public

Total Sales FYE 12/84: \$950,000 Est.

Computer Services Offered: • Processing • Software  
Products • Professional Services**P.S. Programming & Systems Co.**

3220 N. 3rd St.

Phoenix, AZ 85012

(602) 263-9538

**P-Stat, Inc.**

1101 State Rd., Bldg 4 PO Box AH

Princeton, NJ 08540

(609) 924-9100

Shirrell Buhler, President

Private

Total Sales FYE 6/81: \$300,000

Computer Services Offered: • Software Products

**PBS Computing**

3550 North Lexington

St. Paul, MN 55112

(612) 484-8800

Darrel Gubrud, President

Private

Total Sales FYE 4/82: \$2,700,000 Est.

Computer Services Offered: • Processing • Turnkey  
Systems**PCS Data Processing Inc.**

140 Cedar St.

New York, NY 10006

(212) 964-4694

Stanley Berger, President

Public

Total Sales FYE 10/82: \$2,084,700

Computer Services Offered: • Processing • Professional  
Services • Turnkey Systems**PDA Incorporated**

6405 Metcalf

Shawnee Mission, KS 66202

(913) 677-2552

David Fuller, President

Private

Total Sales FYE 1/83: \$3,000,000

Computer Services Offered: • Software Products •  
Professional Services**PDPS Computer Services**

22 Mitchell Dr., E.

Phoenix, AZ 85012

(602) 265-3311

Frank Koehler, President

Private

Total Sales FYE 10/82: \$1,000,000

Computer Services Offered: • Processing • Turnkey  
Systems**PHD Systems, Inc.**

See: AGS Computers Inc.

**PM Computer Services Company**

See: Ameritrust Corporation

**PMA Systems, Inc.**

## SUBSIDIARIES:

**Econo Data, Inc.**

One Lytle Place, Suite 226

Cincinnati, OH 45202

(513) 421-7071

Edward P. Wolf, President

Total Sales FYE 3/84: \$750,000 Est.

Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems**PMS Systems Corporation**

2601 Ocean Park

Santa Monica, CA 90405

(213) 450-1452

Phillip Chase, President

Private

**PRC Government Information Systems**

See: Planning Research Corporation

**PRC Realty Systems**

See: Planning Research Corporation

**PRS - The Program of the Month Corporation**

257 Central Park West

New York, NY 10024

(212) 787-1526

Pierre Schwob, President

Private

## Directory of Computer Services Companies

**PSA, Inc.**

1012 Russel Street  
Baltimore, MD 21230  
(301) 350-5600  
Phillip F. Sheats, President  
Private  
Total Sales FYE 2/84: \$8,000,000 Est.  
Computer Services Offered: • Processing

**PSI Energy Software, Inc.**

500 Chestnut, Suite 1615, P.O. Box 296  
Abilene, TX 79604  
(915) 627-8517  
Brian G. Harrington, President  
Private  
Cptr. Svcs. Revs. FYE 12/83: \$2,000,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**PSI-MED Corporation**

350 Fischer Street  
Costa Mesa, CA 92626  
(714) 979-7653  
Vansel Johnson, President  
Private  
Total Sales FYE 5/84: \$500,000 Est.  
Computer Services Offered: • Software Products • Turnkey  
Systems

**PACE Applied Technology Inc.**

7900 Sudley Rd.  
Manassas, VA 22110  
(703) 369-3200  
Eugene S. Leggett, President  
Private

**Pace Computer Systems**

6300 Classen Boulevard, Suite 101  
Oklahoma City, OK 73118  
(405) 843-0618  
Dale R. Rinehard, President  
Private  
Total Sales FYE 12/83: \$275,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services

**Pacesetter Systems, Inc.**

See: Shared Financial Systems

**Pacific Computer Systems**

222 East 28th St. P.O. Box 1053  
Long Beach, CA 90806  
(714) 826-6301  
Tim Jensten, President  
Private  
Total Sales FYE 3/82: \$1,500,000 Est.  
Computer Services Offered: • Processing • Software  
Products

**Pacific Data Systems**

701 Welch Road  
Palo Alto, CA 94304  
(415) 328-0736  
John Hubbard, President  
Private  
Total Sales FYE 7/81: \$300,000  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

**Pacific Health Resources**

1423 South Grand Avenue  
Los Angeles, CA 90015  
(213) 742-6311  
Robert J. Flanagan, President  
Private  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**DIVISIONS:****Worth, Auger & Associates**

235 West McArthur Boulevard, Suite 558  
Oakland, CA 94611  
(415) 652-1883  
Richard C. Auger, President  
Total Sales FYE 9/83: \$500,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services

**Pacific Management Systems Inc.**

840 Hincley Rd.  
Burlingame, CA 94010  
(415) 697-3813

**Pacific Sierra Research**

12340 Santa Monica Blvd.  
Los Angeles, CA 90025  
(213) 820-2200  
Frank Thomas, President  
Private  
Total Sales FYE 7/83: \$8,000,000  
Cptr. Svcs. Revs. FYE 7/83: \$1,200,000  
Computer Services Offered: • Software Products •  
Professional Services

**PAID Prescriptions, Inc.**

See: Computer Sciences Corporation

**Paladin Software Corp.**

2895 Zanker Road  
San Jose, CA 95134  
(408) 946-9000  
Roy Folk, President  
Private  
Total Sales FYE 12/83: \$40,000,000 Est.  
Computer Services Offered: • Software Products

**Palanter Inc.**

3900 NW 79th Avenue  
Miami, FL 33166  
(305) 592-6055

**PALLM, Inc.**

2606 Fortune Circle, East Drive  
Indianapolis, IN 46241  
(317) 241-2510  
Chris C. McEvoy, President  
Private  
Total Sales FYE 3/84: \$10,250,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services

**Palm Computer Services**

1325 Main St., N.  
Las Vegas, NV 89101  
(702) 386-5807

## Directory of Computer Services Companies

**Pan American Systems Corporation**

831 West Morse Blvd.  
Winter Park, FL 32789  
(305) 647-1588  
Jerald T. Rish, President

Private

*Computer Services Offered:* • Professional Services • Turnkey Systems

**Pan-core Consultants Inc.**

1869 Bend Dr W  
Bloomfield, MI 48013  
(313) 879-7400  
Ronald J. Laubert, President

**Pan-National Group****SUBSIDIARIES:****Bancology**

P.O. Box 5591  
El Paso, TX 79955  
(915) 779-6480  
William R. Ward, President

**Panatec Inc.**

11450 Markon Ave  
Garden Grove, CA 92641  
(714)895-3855

Arvel Bowyer, President

Private

Total Sales FYE 8/82: \$700,000

*Computer Services Offered:* • Professional Services • Turnkey Systems

**Pansophic Systems, Incorporated**

709 Enterprise Drive  
Oak Brook, IL 60521  
(312) 986-6000  
Joseph A. Piscopo, Chairman and CEO

Public

Total Sales FYE 4/84: \$53,117,542

*Computer Services Offered:* • Software Products

**Pantech Inc.**

89 Mountain Valley Rd  
Oakland, CA 94605  
(415)451-2366  
Charles J. Villa, Jr, President

*Computer Services Offered:* • Software Products

**PAR Technology Corporation**

Seneca Plaza, Route 5  
New Hartford, NY 13413  
(315) 738-0600

John W. Sammon, Jr, President

Public

Total Sales FYE 12/83: \$38,383,398

Cptr. Svcs. Revs. FYE 12/83: \$13,588,092

*Computer Services Offered:* • Professional Services

**Para Data, Inc.**

157 Burns Avenue  
Atherton, CA 94025  
(415)327-5435  
Frank Buckley, President

Private

Total Sales FYE 2/81: \$5,000,000

Cptr. Svcs. Revs. FYE 2/81: \$1,000,000

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Para Research**

85 Eastern Avenue  
Gloucester, MA 01930  
(617)546-3413  
Frank Molinski, President

Private

Total Sales FYE 5/83: \$5,250,000

*Computer Services Offered:* • Processing • Software Products

**Parallax Systems, Inc.**

60 West 9th Street  
New York, NY 10011  
(212) 475-4001  
Kevin R. Weaver, President

Private

Total Sales FYE 12/83: \$800,000

*Computer Services Offered:* • Software Products • Professional Services

**Paramin, Inc.**

*Name Changed To: LINKWARE Corp.*

**Parish Systems, Inc.**

32401 Industrial Drive  
Madison Heights, MI 48071  
(313) 585-7800

**Park Avenue**

369 Lexington Ave  
New York, NY 10017  
(212) 697-6363

*Computer Services Offered:* • Processing

**Parke-Randall Management Co.**

6728 Hillpark Dr Ste 308  
Hollywood, CA 90068  
(213)874-2394

*Computer Services Offered:* • Software Products

**Parker Computer Systems**

4701 Fletcher, P.O. Box 16386  
Fort Worth, TX 76162  
(817) 787-8026

Roger Parker, President

Private

Total Sales FYE 12/83: \$100,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Pascack Data Services**

77 Brookside Place  
Hillsdale, NJ 07642  
(201) 666-3125

Joel Bauer, President

Private

**Pascal Development Co.**

10381 S. DeAnza Blvd. Suite 205  
Cupertino, CA 95014  
(408) 253-4280

Joseph Dahl, President

Private

**Patient Referral Service**

1502 Arbuckle Ct.  
Santa Clara, CA 95050  
(408) 946-3891

## Directory of Computer Services Companies

**Pattern Systems Of NJ**

1259 Route 46, Building 2  
Parisspany, NJ 07054  
(201) 335-7804

Robert Gowen, President

Private

Total Sales FYE 5/84: \$750,000 Est.

*Computer Services Offered:* • Software Products • Turnkey Systems

**Patton Consultants, Inc.**

3699 W. Henrietta Road  
Rochester, NY 14623  
(716) 334-2554

Joseph Patton, President

Private

Total Sales FYE 12/83: \$500,000

Cptr. Svcs. Revs. FYE 12/83: \$300,000

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Pax Systems**

1838 NE 100th  
Bellevue, WA 98004  
(206) 453-9301

Ben Casebolt, President

Private

**Pay-Fone Systems, Inc.**

11255 West Olympic Blvd.  
West Los Angeles, CA 90064  
(213) 473-2935

Lewis Greenwood, President

Public

Total Sales FYE 6/83: \$4,715,000

*Computer Services Offered:* • Processing

**Paychex, Inc.**

275 Lake Avenue  
Rochester, NY 14608  
(716) 647-3510

B. Thomas Golisano, President and CEO

Public

Total Sales FYE 5/84: \$31,690,632

*Computer Services Offered:* • Processing

**Payday, The Payroll Co., Inc.**

One Division Street  
San Francisco, CA 94103  
(415) 621-2121

Russel Holdstein, President

Private

Total Sales FYE 11/83: \$1,000,000 Est.

*Computer Services Offered:* • Processing

**Payment and Transfer Services, Inc. (PATSI)**

P.O. Box 3147  
Lewiston, ME 04240  
(207) 784-5478

William Kendall, President

Private

**Payne, Bruce Consultants Inc.**

666 Fifth Avenue  
New York, NY 10019  
(212) 581-5500

Bruce Payne, President

Private

Total Sales FYE 3/84: \$2,000,000 Est.

Cptr. Svcs. Revs. FYE 3/84: \$800,000

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Paynter, E.F. & Associates, Inc.**

6508 Westfield Boulevard  
Indianapolis, IN 46220  
(317) 257-7561

Edwin F. Paynter, President

Private

Total Sales FYE 3/84: \$800,000

*Computer Services Offered:* • Software Products • Turnkey Systems

**Peachtree Software Inc.**

*See: Management Science America, Inc.*

**Pearl Data Systems**

1325 Morris Drive  
Wayne, PA 19087  
(215) 647-2210

Edward J. Hipps, President

Private

Total Sales FYE 6/84: \$1,500,000 Est.

*Computer Services Offered:* • Software Products

**Pearlsoft Inc.**

25195 S.W. Parkway  
Wilsonville, OR 97070  
(503) 682-3636

William R. Stow, III, President and CEO

Private

Total Sales FYE 6/84: \$3,500,000 Est.

*Computer Services Offered:* • Software Products

**Peat, Marwick, Mitchell & Co.**

303 East Wacker Drive Peat Marwick Plaza  
Chicago, IL 10154  
(312) 938-1000

George Chiang, Managing Director

Cptr. Svcs. Revs. FYE 6/83: \$98,500,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

## SUBSIDIARIES:

**Catalyst Corporation**

303 East Wacker Drive Peat Marwick Plaza  
Chicago, IL 60601  
(312) 938-1000

George Kittersbach, Partner

*Computer Services Offered:* • Software Products • Professional Services

## DIVISIONS:

**SMITES Group**

303 East Wacker Dr., 28th Fl  
Chicago, IL 60601  
(312) 938-1000

Robert J. Wells, Partner

*Computer Services Offered:* • Software Products

**PEA Associates of Idaho**

80 Eureka Square  
Pacifica, CA 94044  
(415) 355-2233

Wilbur Frye, Managing Partner

Private

## Directory of Computer Services Companies

**Pegasus Systems, Incorporated**

670 International Parkway, Suite 100  
Richardson, TX 75081  
(214) 235-3099  
Blair Stephenson, President  
Private  
Total Sales FYE 3/83: \$1,500,000  
Cptr. Svcs. Revs. FYE 3/83: \$1,500,000  
**Computer Services Offered:** • Software Products •  
Professional Services • Turnkey Systems

**Pelam Inc.**

5145 North California St.  
Chicago, IL 60625  
(312) 271-7354  
Private

**Penn Central Corporation****DIVISIONS:****Vitro Computer Services**

14000 Georgia Avenue  
Silver Spring, MD 20910  
(301) 871-2833  
Wayne Scheaffer, President

**Pennington Systems Incorporated**

65 South Main Street, Building C  
Pennington, NJ 08534  
(609) 737-2727  
Stephen F. Heffner, President  
Private  
Total Sales FYE 12/84: \$250,000 Est.  
**Computer Services Offered:** • Software Products •  
Professional Services

**Penta Systems International, Inc.**

1511 Guilford Avenue  
Baltimore, MD 21202  
(301) 685-7258  
Daniel H. Coyne, President  
Public  
Total Sales FYE 12/83: \$23,058,595  
**Computer Services Offered:** • Turnkey Systems

**Pentamation Enterprises Inc.**

One Bethlehem Plaza  
Bethlehem, PA 18015  
(215) 691-3616  
Jeffrey P. Feather, President  
Private  
Total Sales FYE 9/83: \$28,500,000 Est.  
**Computer Services Offered:** • Processing • Software  
Products • Turnkey Systems

**SUBSIDIARIES:****Management & Computer Services Inc.**

74 Great Valley Pkwy.  
Malvern, PA 19355  
(215) 648-0730  
Francis A. Schlegel, Jr., President  
**Computer Services Offered:** • Processing • Software  
Products

**Medical Data Systems**

2675 Junipero Blvd.  
Long Beach, CA 90806  
(213) 595-6451  
Robert Green, President

**Peoples Trust Bank****DIVISIONS:****Peoples Trust Bank Data Services Division**

913 South Calhoun Street  
Fort Wayne, IN 46802  
(219) 427-8333  
Gordon Johnson, Senior Vice President

**Peoples Trust Bank Data Services Division**

See: Peoples Trust Bank

**Perception Technology Corp.**

50 Shawmut Rd  
Canton, MA 02021  
(617) 821-0320  
Bob Goodnau, President  
Private  
Total Sales FYE 9/82: \$500,000  
**Computer Services Offered:** • Turnkey Systems

**Peregrine Systems Inc.**

15530 Rockfield Blvd., Bldg C  
Irvine, CA 92714  
(714) 855-3923  
**Computer Services Offered:** • Software Products

**Perfect Software, Inc.**

702 Harrison Street  
Berkeley, CA 94710  
(415) 527-2626  
Buck Lindsey, Chief Executive Officer  
Private  
Total Sales FYE 3/84: \$10,000,000 Est.  
**Computer Services Offered:** • Software Products

**Performance Development Corporation**

346 Wall Street  
Princeton, NJ 08540  
(609) 921-3770  
Arvind D. Shah, President  
Private  
Total Sales FYE 10/84: \$700,000 Est.  
**Computer Services Offered:** • Professional Services

**Performance Systems, Inc.**

30 Courthouse Square  
Rockville, MD 20850  
(301) 762-0300  
John Wintermute, President  
Private  
Total Sales FYE 12/81: \$1,250,000 Est.  
**Computer Services Offered:** • Software Products •  
Professional Services

**Perkin-Elmer Corporation**



## Directory of Computer Services Companies

## DIVISIONS:

## Interdata

2 Crescent Place  
Oceanport, NJ 07757  
(201) 229-4040  
Daniel Sinnott, President

## Personal Computer Management Corp.

2520 Mission College Blvd. Suite 201  
Santa Clara, CA 95050  
(408) 732-9222  
John Nesleim, President

Private

Total Sales FYE 12/82: \$2,000,000 Est.

Computer Services Offered: • Software Products

## Personal Systems Technology Inc

22957 LaCadena,  
Laguna Hills, CA 92653  
(714)859-8871

Computer Services Offered: • Software Products

## Personalized Computer Systems

501 South 1st St, Ste E  
Arcadia, CA 91006  
(213)574-1877  
Donald C. Jones, President

## Personnel Data Systems, Inc.

White Marsh Plaza 15 East Ridge Pike  
Conshohocken, PA 19428  
(215) 828-4294  
Steve Brody, President

Private

Total Sales FYE 3/82: \$4,500,000

Computer Services Offered: • Processing • Software Products

## Personnelmetrics, Inc.

1001 6th Ave  
New York, NY 10016  
(212)398-0348  
Richard Traum, President

Private

Total Sales FYE 6/82: \$1,300,000

Computer Services Offered: • Processing • Software Products • Turnkey Systems

## Petroleum Data Corporation

Name Changed To: Cogito Data Systems, Inc.

## Petroleum Data Systems, Inc.

P.O. Box 18308  
Denver, CO 80218  
(303) 839-5487  
Thomas F. Laird, President

Private

## Petroleum Information Corporation

See: Dun and Bradstreet

## Petroleum Software Systems, Inc.

8265 South Walker  
Oklahoma City, OK 73139  
(405) 636-1587  
Kenneth E. Stith, Jr., President

Private

Total Sales FYE 12/84: \$1,500,000 Est.

Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

## Petroleum Software, Inc.

See: Garies Engineering Petroleum Consultants, Inc.

## Pharmaceutical Card Systems, Inc.

See: McKesson Corporation

## Pharmacon

See: International Medical Statistics

## Pharos, Inc.

PO Box 43206  
St. Paul, MN 55113  
(612) 484-8436  
Peter Phelps, President

Private

## Phase One Systems Inc.

7700 Edgewater Dr. Ste 830  
Oakland, CA 94621  
(415)562-8085  
Howard Sidorsky, President

Total Sales FYE 7/82: \$5,000,000 Est.

Computer Services Offered: • Software Products

## Phase 3

25 Flanders Road  
Belmont, MA 02178  
(617) 489-2555  
Wayne Heldt, President

Private

Total Sales FYE 12/83: \$2,500,000 Est.

Computer Services Offered: • Processing • Software Products • Turnkey Systems

## Philadelphia National Bank

## SUBSIDIARIES:

## Colonial Mortgage Service Company

7320 Old York Rd  
Philadelphia, PA 19126  
(215)782-2180  
Gerald R. Longworth, Vice President

Computer Services Offered: • Processing

## Phoenix Computer Corp.

11949 Jefferson, Ste. 103  
Culver City, CA 90230  
(213) 827-4500

## Phoenix Computing Services

3434 Indian School Rd., E.  
Phoenix, AZ 85018  
(602)956-2000

## Directory of Computer Services Companies

**Phoenix Data Processing**

701 E. Ogden Avenue, Ste. 202  
Naperville, IL 60540  
(312) 357-8600  
Robert F. Grabe, President  
Private  
Total Sales FYE 10/83: \$875,000 Est.  
Computer Services Offered: • Processing

**Phoenix Systems, Inc.**

One Station Square  
Pittsburgh, PA 15219  
(412) 471-8380  
R. Bruce McKee, President  
Private  
Computer Services Offered: • Software Products

**Photo Data Inc.**

419 7th Street N.W.  
Washington, DC 20004  
(202) 783-1010  
F. Scott Watkins, President  
Public  
Total Sales FYE 12/83: \$1,100,000  
Computer Services Offered: • Processing

**SUBSIDIARIES:****Offset Composition Services**

419 7th St. NW  
Washington, DC 20004  
(202) 783-1010  
F.S. Watkins, President

**PHUTZ\$ Inc.****DIVISIONS:****ELS Systems Engineering**

P.O. Box 12415  
Cleveland, OH 44112  
(216) 321-8303  
Dave Boylan, President

**Physicians Practice Management, Inc.**

1810 South Lynhurst, Suite Q  
Indianapolis, IN 46241  
(317) 248-0357  
William H. Noel, President  
Private  
Total Sales FYE 1/85: \$850,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**Physics International Company**

See: Rock Corporation

**PIBSCO**

P.O. Box 516  
Addison, TX 75001  
(214) 387-9992

**Pillan Data Service**

180 Main St.  
Stoneham, MA 02180  
(617) 438-5670  
John Pillan, President  
Private

**Pilot Executive Software**

183 State Street  
Boston, MA 02109  
(617) 523-5355  
Thomas P. McAuliffe, President  
Private  
Computer Services Offered: • Software Products

**Pinkerton Computer Consultants**

4 Neshaminy Interplex, Suite 111  
Trevos, PA 19047  
(215) 676-3100  
William D. Pinkerton, President  
Private  
Total Sales FYE 12/83: \$14,000,000 Est.  
Computer Services Offered: • Professional Services

**Pioneer Data Systems****DIVISIONS:****Impact Services**

P.O. Box 184  
Johnston, IA 50131  
(515) 245-3501  
Al Miller, President

**Pioneer Software, Inc.**

See: Dickey Grabler Company, The

**Planmetrics Inc.**

See: Planning Decisions Group

**Planning & Control Inc.**

201 E. 25th Street  
New York, NY 10010  
(212) 679-5662  
John Censor, Managing Partner  
Private  
Total Sales FYE 3/81: \$195,000 Est.  
Computer Services Offered: • Professional Services

**Planning Decisions Group Inc.****SUBSIDIARIES:****Decision Products Services, Inc**

300 Unicorn Park  
Woburn, MA 01801  
(617) 933-3300  
Powers Cameron, President  
Total Sales FYE 12/82: \$3,000,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services

**Planmetrics Inc.**

5320 Sears Tower, 233 S. Wacker Drive  
Chicago, IL 60606  
(312) 876-2700  
Gary L. Neale, President  
Total Sales FYE 12/83: \$7,700,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services

## Directory of Computer Services Companies

**Planning Research Corporation**

1500 Planning Research Drive  
McLean, VA 22102  
(703) 556-1000  
John M. Toups, Chariman and President  
Public  
Total Sales FYE 6/84: \$320,722,000  
Cptr. Svcs. Revs. FYE 6/84: \$172,137,000  
Computer Services Offered: • Processing • Professional Services

## DIVISIONS:

**PRC Government Information Systems**

1500 Planning Research Drive  
McLean, VA 22102  
(703) 556-1000  
Wayne Shelton, President  
Total Sales FYE 6/84: \$122,725,000  
Computer Services Offered: • Professional Services

**PRC Realty Systems**

1500 Planning Research Drive  
McLean, VA 22102  
(703) 556-1000  
John L. Corse, President  
Total Sales FYE 6/84: \$49,412,000  
Computer Services Offered: • Processing

**Plansmith Corporation**

50 N. Brockway  
Palatine, IL 60067  
(312) 359-4045  
Craig Hartman, President  
Private  
Total Sales FYE 7/81: \$1,000,000 Est.  
Computer Services Offered: • Processing • Turnkey Systems

**Players Computer Inc.**

See: Aquix Advanced Systems Corp.

**Plycom Services**

See: Young Door Company

**Poise Company Inc.**

201 North Nevada  
Roswell, NM 88201  
(505) 623-8554  
Dan Kinnard, President  
Private

**Police Data Systems**

6500 Dublin Boulevard, Suite 215  
Dublin, CA 94568  
(415) 828-7100  
Robert L. Goodwin, President  
Private  
Total Sales FYE 12/84: \$1,500,000 Est.  
Computer Services Offered: • Software Products

**Policy Management Systems (PMS)**

1321 Lady Street PO Box 10  
Columbia, SC 29202  
(803) 748-2000  
G. Larry Wilson, President  
Public  
Total Sales FYE 12/83: \$62,268,000  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Polymorphic Computer Systems**

P.O. Box 3581  
Boulder, CO 80307  
(303) 422-1182  
Bruce K. Ray, President  
Private

**Polytechnic Associates, Inc.**

2824 W. George Mason Road  
Falls Church, VA 22042  
(703) 533-2826  
P. Willis, President  
Private

**Pomona 1st Fed. Savings & Loan & Santa Fe Fed. Savings & Loan**

## SUBSIDIARIES:

**Data Line Service Company**

885 S. Village Oaks Dr.  
Covina, CA 91724  
(213) 339-9011  
Norman Salvesson, President

**Poorman-Douglas Corporation**

1325 Southwest Custer Drive  
Portland, OR 97219  
(503) 245-5555  
John Douglas, President  
Private  
Total Sales FYE 12/83: \$9,900,000 Est.  
Computer Services Offered: • Processing • Turnkey Systems

**Portable Software Inc.**

See: Systems Strategies, Inc.

**Potomac Scheduling Company**

6400 Goldsboro Rd.  
Bethesda, MD 20034  
(301) 229-8880  
David Labovitz, President  
Private

**Power Base Systems**

12 West 37th St.  
New York, NY 10018  
(212) 947-3590  
Ralph Watson, President  
Private  
Total Sales FYE 10/82: \$1,500,000  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Power Management**

See: Madic Corporation

**Power Technologies Inc. (PTI)**

P.O. Box 1058  
Schenectady, NY 12301  
(518) 374-1220

## Directory of Computer Services Companies

**Practical Business Systems, Inc.**

4300 North Lincoln Avenue  
Rolling Meadows, IL 60008  
(312) 359-6066  
W.R. Sanford, President

Private

Total Sales FYE 1/84: \$500,000 Est.

Computer Services Offered: • Professional Services •  
Turnkey Systems

**Practical Management Consulting, Inc.**

3925 Rochester Road  
Royal Oak, MI 48073  
(313) 588-8110  
Thomas Lequier, President

Private

**Praxa Corporation**

See: Xerox Corporation

**Precision Visuals, Inc.**

6260 Lookout Road  
Boulder, CO 80301  
(303) 530-9000  
James R. Warner, President

Private

Total Sales FYE 12/83: \$7,100,000 Est.

Computer Services Offered: • Software Products

**Prentice-Hall**

## SUBSIDIARIES:

**1040 Software, Inc.**

10 Nevada Drive, P.O. Box 1010  
New Hyde Park, NY 11042  
(516) 775-5566  
Jack Martin, President

Public

Total Sales FYE 12/84: \$8,000,000 Est.

Computer Services Offered: • Software Products

**Prestige Software Analysts, Inc.**

209 Harvard Ave  
Westville, NJ 08093  
(609) 456-0242

Computer Services Offered: • Software Products

**Price Waterhouse & Co.**

1251 Avenue of the Americas  
New York, NY 10020  
(212) 489-8900

Computer Services Offered: • Software Products •  
Professional Services

**Primavera Systems Inc.**

29 Bala Avenue, Suite 224  
Bala Cynwood, PA 19004  
(215) 667-8600  
Joel Cuppelman, President

Private

Total Sales FYE 12/83: \$1,000,000

Computer Services Offered: • Software Products

**Prime Computer Inc.**

Prime Park  
Natick, MA 01760  
(617) 655-8000

Public

## SUBSIDIARIES:

**Compeda Inc.**

Paramus Plaza I, RT 17 North 140 Rt. 17 North  
Paramus, NJ 07652  
(201) 967-5710

Gilford Aisbitt, President

Total Sales FYE 3/82: \$5,900,000

Computer Services Offered: • Software Products

**Prime Factors**

6529 Telegraph Ave, Ste. B  
Oakland, CA 94609  
(415) 654-5090

Michael Schwartz, President

Private

**Princeton Software Co, The**

PO Box 1317  
Princeton, NJ 08540  
(609) 683-0044

Computer Services Offered: • Software Products

**Pritsker & Associates, Inc.**

P.O. Box 2413  
West Lafayette, IN 47906  
(317) 463-5557

David Wortman, Executive Vice President

Private

**PRO Systems**

6561 Gillis Dr.  
San Jose, CA 95120  
(408) 997-1776

**Processing Management Systems (PMS)**

2269 Desert Cove, W.  
Phoenix, AZ 85029  
(602) 246-1156

Private

Total Sales FYE 7/83: \$4,500,000

Computer Services Offered: • Processing

**Processor Innovations**

1 Main St., Room 402  
Eatontown, NJ 07724  
(201) 542-6500  
Daniel Udovic, President

Private

**Prodatta Computer Services**

2333 Western Ave.  
Seattle, WA 98121  
(206) 682-4120

**Prodigy Systems, Inc.**

21 Meridian Road  
Edison, NJ 08820  
(201) 321-1717  
Lawrence J. Stein, Chairman and President

Public

Total Sales FYE 12/83: \$13,000,450

Cptr. Svcs. Revs. FYE 12/83: \$1,500,000 Est.

Computer Services Offered: • Professional Services

## Directory of Computer Services Companies

**Product Group, Inc.**

90 Tanglewyld Ave  
Bronxville, NY 10708  
(914) 779-2390  
Adam T. Block, President

Private

Total Sales FYE 7/81: \$275,000 Est.

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Production Systems**

230 Second Avenue  
Waltham, MA 02254  
(617) 890-4070  
Mitchell J. Marcus, President

Private

**Productive Computer Systems**

233 No. Michigan Ave., Ste. 1409  
Chicago, IL 60614  
(312) 565-2244  
Dennis LaPidus, President

Private

Total Sales FYE 4/84: \$1,000,000 Est.

*Computer Services Offered:* • Software Products • Turnkey Systems

**Productivity Equals Profits (PEP)**

17370 Brea Blvd., Suite 224  
Fullerton, CA 92635  
(714) 992-5289

**Professional Automated Service**

5325 Northwest 77th Ave  
Miami, FL 33166  
(305) 592-8470  
Don Masc, President

**Professional Billing Corporation**

219 West Morehead Street  
Charlotte, NC 28202  
(704) 375-4541  
Robert T. Brownridge, President

Private

**SUBSIDIARIES:****Professional Credit Association**

219 W. Morehead Street  
Charlotte, NC 28202  
(704) 375-4541  
Robert T. Brownridge, President

**Professional Business Industries Inc**

5600 N. May Ave. Ste. 185  
Oklahoma City, OK 73112  
(405) 843-3500  
*Computer Services Offered:* • Software Products

**Professional Business Software**

119 Fremont St.  
San Francisco, CA 94105  
(415) 546-1596  
*Computer Services Offered:* • Software Products

**Professional Computer Solutions Inc.**

3733 University Blvd. West Suite 105  
Jacksonville, FL 32217  
(904) 733-6248  
Ernest Harden, President

Private

**Professional Computer Resources, Inc.**

2021 Midwest Road  
Oakbrook, IL 60521  
(312) 932-2200  
Jeff Carr, President

Private

Total Sales FYE 12/84: \$5,000,000 Est.

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Professional Computer Service, Inc.****DIVISIONS:****Medical Data Control**

7201 West 78th Street, P.O. Box 35801  
Minneapolis, MN 55435  
(612) 944-5145  
Charles G. Munster, President

Private

Total Sales FYE 12/84: \$3,000,000 Est.

*Computer Services Offered:* • Processing • Professional Services

**Professional Computer Service**

7385 E. Bush Lake Road  
Edina, MN 55435  
(612) 835-6511  
Charles Munster, President

Private

Total Sales FYE 12/83: \$1,850,000

*Computer Services Offered:* • Processing

**Professional Computer Systems**

601 West Tenth Suite 10  
Amarillo, TX 79101  
(806) 373-8746  
Scott Doores, President

Private

**Professional Consulting Services of Georgia Inc**

3020 Atlanta St  
Atlanta, GA 30080  
(404) 432-3833  
*Computer Services Offered:* • Professional Services

**Professional Credit Association**

See: Professional Billing Corporation

**Professional Data Corp.**

55 Wheeler Street  
Cambridge, MA 02138  
(617) 492-1690  
Robert J. Kuaal, President

Private

Total Sales FYE 11/83: \$500,000 Est.

*Computer Services Offered:* • Processing

**Professional Data Management**

See: Trionic International, Inc.

**Professional Data Services**

345 Fifth St., NE  
Barkerton, OH 44203  
(216) 753-8128  
Frank Martier, President

Private

## Directory of Computer Services Companies

**Professional Data Systems**

2001 Hammond St.  
Bangor, ME 04401  
(207)862-4055  
Bernhoff A. Dahl, President  
Total Sales FYE 2/81: \$750,000 Est.  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Professional Geophysics Inc.**

4216 N. Portland Ave.  
Oklahoma City, OK 73102  
(405) 946-8603  
William E. Dulaney, President  
*Computer Services Offered:* • Processing

**Professional Health Research**

965 Mission St. Ste. 405  
San Francisco, CA 94103  
(415) 777-9143  
Joseph Hirshman, PH.D., Vice President  
Private

**Professional Hospital Services**

*See:* American Medical International Inc.

**Professional Processing, Inc.**

3400 Conser Drive  
Eagan, MN 55122  
(612) 681-7422  
Ken Dalley, CEO  
Private  
Total Sales FYE 7/85: \$2,500,000 Est.  
*Computer Services Offered:* • Processing

**Professional Programming Systems**

1901 Nedi-Park Pl., Ste. 10  
Amarillo, TX 79106  
(806)358-2426

**Professional Software Solutions, Inc.**

3030 North Fairfax Drive  
Arlington, VA 22201  
(703) 528-2772  
Donald W. Bartlett, President  
Private  
*Computer Services Offered:* • Software Products • Professional Services

**Professional Systems Corporation**

87-89 Valley Road  
Montclair, NJ 07042  
(201) 783-6800  
Frank M. Downey, Jr., Chairman  
Private

**Profimatics Inc.**

77 Rolling Oaks Dr. Suite 202  
Thousand Oaks, CA 91361  
(805)496-6661  
Thomas M. Stout, President  
Private  
Total Sales FYE 12/82: \$2,003,000 Est.  
Cptr. Svcs. Revs. FYE 12/82: \$1,000,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Profit Control Systems**

*See:* Heidelberg Eastern Inc.

**Profitool, Inc.**

1600 Stout Street, Suite 2000  
Denver, CO 80202  
(303) 571-1555  
Gary Tamblin, President  
Private  
Total Sales FYE 6/84: \$1,500,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Program Control Corporation**

7120 Hayvenhurst Avenue Suite 401  
Van Nuys, CA 91406  
(213) 782-2900  
Francis M. Kavanagh, President  
Private

**Program Design Inc.**

95 E. Putnam Ave  
Greenwich, CT 06830  
(203) 661-8799  
John Victor, President  
Private  
*Computer Services Offered:* • Software Products

**Program Systems, Inc.**

2100 Data Park, Suite 205  
Birmingham, AL 35244  
(205) 988-4336  
J. Gary Bishop, Jr., President  
Private  
Total Sales FYE 1/84: \$350,000 Est.  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Programart Corporation**

*See:* Computer System Architects, Inc.

**Programatics, Inc.**

*See:* Trident Data Systems

**Programmed Control Corporation**

2 East Broad Street  
Hopewell, NJ 08525  
(609) 466-2100  
John E. Meggitt, President  
Private

**Programmed Systems Inc.**

90 Bagby Dr. Ste 305  
Birmingham, AL 35209  
(205)942-2068  
J. Gary Bishop, President  
*Computer Services Offered:* • Software Products

**Programming Services, Inc.**

939 James  
Wyandotte, MI 48192  
(313) 285-0228  
Paul M. Showalter, President

**Programs & Analysis, Inc.**

*See:* Puritan Fashions Corp.

## Directory of Computer Services Companies

**Project Software & Development, Inc.**

14 Story Street  
Cambridge, MA 02138  
(617) 661-1444  
Robert L. Daniels, President  
Private

Total Sales FYE 9/83: \$20,000,000 Est.

Computer Services Offered: • Software Products • Turnkey Systems

**Promedica Data Corporation**

1032 Elwell Ct., Ste 240  
Palo Alto, CA 94303  
(415) 961-2401

Robert C. Brehm, President

Computer Services Offered: • Software Products • Turnkey Systems

**Proprietary Computer Systems, Inc.**

See: CISI Group

**Proprietary Software Systems, Inc.**

429 Santa Monica Boulevard, Suite 430  
Santa Monica, CA 90401  
(213) 394-5233  
Joel Fleiss, Chairman and President  
Private

Total Sales FYE 6/84: \$3,000,000 Est.

Computer Services Offered: • Software Products • Professional Services

**Proteus Systems Inc.**

21601 Devonshire St., Ste 116  
Chatsworth, CA 91311  
(213) 700-9964

Computer Services Offered: • Processing

**Provident National Bank**

## SUBSIDIARIES:

**Johnson Computing Inc.**

P.O. Box 7976  
Philadelphia, PA 19101  
(215) 583-6660  
James Shoaff, President

**Proximity Devices Corporation**

5353 North Federal Highway  
Fort Lauderdale, FL 33308  
(305) 556-3511

Computer Services Offered: • Software Products

**Prudential Group**

## SUBSIDIARIES:

**Teldata Systems Corporation**

90 Broad Street  
New York, NY 10004  
(212) 248-9200

William M. Sheeser, President

Total Sales FYE 7/81: \$5,000,000

Cptr. Svcs. Revs. FYE 7/81: \$2,500,000

Computer Services Offered: • Processing • Software Products • Turnkey Systems

**Pryor Corporation**

400 N. Michigan Avenue  
Chicago, IL 60611  
(312) 644-5650  
W. Lee Pryor, President

Private

Total Sales FYE 9/82: \$45,000,000

Cptr. Svcs. Revs. FYE 9/82: \$1,500,000

Computer Services Offered: • Processing • Turnkey Systems

**Psych Systems, Inc.**

600 Reisterstown Road  
Baltimore, MD 21208  
(301) 486-2206

Jerome J. Collier, President

Public

Total Sales FYE 11/83: \$5,389,000

Computer Services Offered: • Software Products • Turnkey Systems

**Pubco**

## SUBSIDIARIES:

**Merkle Computer Systems Inc.**

5200 E. Philadelphia Way  
Lanham, MD 20706  
(301) 459-9700  
Harvey Blanton, President

**Public Technology, Inc.**

## SUBSIDIARIES:

**Fleet Management Systems, Inc.**

147 West Lyman Ave  
Winter Park, FL 32789  
(305) 629-4900  
John D. Gorman, President

Private

Total Sales FYE 7/83: \$7,000,000

Cptr. Svcs. Revs. FYE 7/83: \$3,000,000 Est.

Computer Services Offered: • Processing • Software Products

**Pugh-Roberts Associates, Inc.**

3 Lee Street  
Cambridge, MA 02139  
(617) 864-8880

Edward B. Roberts, President

Private

**Pulsar Systems, Inc.**

1259 Route 46, Building 2  
Parsippany, NJ 07054  
(201) 335-5600

Carl M. Dula, President

Private

Total Sales FYE 12/84: \$1,500,000 Est.

Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Punch Card Processing Co.**

6875 New Hampshire Avenue  
Takoma Park, MD 20012  
(301) 270-1887

John Layman, Partner

Private

Total Sales FYE 12/83: \$500,000 Est.

Computer Services Offered: • Processing



## Directory of Computer Services Companies

**Puritan Fashions Corp.**

## SUBSIDIARIES:

**Programs & Analysis, Inc.**

21 Ray Avenue  
Burlington, MA 01803  
(617) 272-7723  
Paul J. Brighton, President

Public

Total Sales FYE 12/83: \$6,375,704 Est.

Computer Services Offered: • Processing

**Puter Associates**

345 Whitney Ave.  
New Haven, CT 06511  
(203) 562-2101  
Ronald Mills, President

Private

**Pycco Computer Systems, Inc.**

710 E. Ogden, Suite 201  
Naperville, IL 60540  
(312) 961-2262  
Louis H. Haberbeck, Jr., President

**Q-Data Corporation**

2035 Westwood Blvd  
Los Angeles, CA 90025  
(213) 475-6006

**Q.S., Incorporated**

Bankers Trust Plaza, Ste. 1106 P.O. Drawer 847  
Greenville, SC 29602  
(803) 232-2666  
Francis M. Cowder, President

Private

Total Sales FYE 12/84: \$2,000,000 Est.

Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**QUAD Corporation**

1852 Dale Avenue  
Highland Park, IL 60035  
(312) 432-3210  
Harold Rafson, President

Private

**Quadra Systems**

4414 Centerview, Ste 220  
San Antonio, TX 78228  
(512) 736-4600  
Barry Engelbrecht, Vice President

Private

Total Sales FYE 6/82: \$1,000,000

Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Quadam Corporation**

See: Intelligent Systems Corp. Corporation

**Quadrex Corporation**

1700 Dell Ave  
Campbell, CA 95008  
(408) 866-4510  
Sherman Naymark, President

Public

Total Sales FYE 1/82: \$74,420,000

Cptr. Svcs. Revs. FYE 1/82: \$2,000,000 Est.

Computer Services Offered: • Software Products • Professional Services

**Quadsoft, Inc.**

See: Intelligent Systems Corp.

**Quadstar Corporation**

14951 Dallas Parkway  
Dallas, TX 75240  
(214) 980-9601  
Jack Chang, President

Private

Total Sales FYE 6/82: \$2,500,000

Computer Services Offered: • Processing • Professional Services

**Quality Information Center Inc.**

1374 Richmond Rd.  
Staten Island, NY 10305  
(212) 987-0893

**Quality Stationers & Printers, Inc.**

4155 West 123rd Street  
Alsop, IL 60653  
(312) 821-1600  
Richard Strand, President

Private

**Qualtek Systems Laboratory, Inc.**

4065 North Buffalo Road  
Orchard Park, NY 14127  
(716) 662-7667  
John R. Kaczor, President

Private

Total Sales FYE 7/84: \$500,000 Est.

Computer Services Offered: • Software Products

**Quanex-NCI, Inc.**

Merged with: Pansophic Systems

**Quanta Corporation**

## DIVISIONS:

**Quanta Data Processing Inc.**

3229 Carondelet St.  
New Orleans, LA 70115  
(504) 891-2808  
Michael A. Berenson, President

Private

**Quanta Data Processing Inc.**

See: Quanta Corporation

**Quanteckna Research Corp.**

6902 220th SW  
Mountlake Terrace, WA 98043  
(206) 771-2488  
Joseph E. Rehfeld, President

Private

Total Sales FYE 8/82: \$400,000 Est.

Computer Services Offered: • Software Products

## Directory of Computer Services Companies

**Quantitative Software Management, Inc.**

1057 Waverly Way  
McLean, VA 22101  
(703) 790-0055  
Lawrence H. Putnam, President  
Private  
Total Sales FYE 6/81: \$450,000 Est.  
**Computer Services Offered:** • Software Products •  
Professional Services • Turnkey Systems

**Quantum Computer Services**

300 Park Ave. South  
New York, NY 10010  
(212) 254-9700  
Paul E. McArdle, President  
Private

**Quantum Research**

28200 Ridgefern Ct  
Rancho Palos Verdes, CA 90274  
(213) 541-4433  
**Computer Services Offered:** • Turnkey Systems

**Quark Engineering**

1433 Williams, Ste 1102  
Denver, CO 80218  
(303) 399-1096  
**Computer Services Offered:** • Software Products

**Quarterdeck Software**

1918 Main Street, Suite 240  
Santa Monica, CA 90405  
(213) 392-9851  
Therese E. Myers, President  
Private  
**Computer Services Offered:** • Software Products

**Quasar Systems Ltd.**

*Name Changed To: Cognos, Incorporated*

**Quest, Inc.**

30 Professional Center Pkwy. Suite B  
San Rafael, CA 94903  
(415) 479-0600  
Darrel Tiechurst, President  
Private  
Total Sales FYE 12/81: \$700,000 Est.  
**Computer Services Offered:** • Software Products

**Questrion Research**

*See: Kalb Voorhis*

**Quic-N-Easi Products, Inc.**

136 Granite Hill Court  
Langhorne, PA 19047  
(215) 968-5966  
R. W. Roth, President  
Private  
**Computer Services Offered:** • Software Products

**Quick-Tax Ltd.**

319 Clawson St  
New York, NY 10306  
(212) 311-6143  
**Computer Services Offered:** • Software Products

**Quodata Corporation**

196 Trumbull Street  
Hartford, CT 06103  
(203) 728-6777  
Myron E. Congdon, President  
Private

**Quotron Systems Inc.**

5454 Beethoven Street  
Los Angeles, CA 90066  
(213) 827-4600  
Milton E. Mohr, Chairman and President  
Public  
Total Sales FYE 12/83: \$153,810,000  
Cptr. Svcs. Revs. FYE 12/83: \$140,867,000  
**Computer Services Offered:** • Processing

**Quotron Systems Inc. & Continental Corporation**

## SUBSIDIARIES:

**Insurnet, Inc.**

1900 Powell St  
Emeryville, CA 94608  
(415) 652-3771  
John Stevens, President

**R. A. Consulting Group**

11659 Armita  
N. Hollywood, CA 91605  
(213) 764-0442  
Richard E. Stowe, President

**R.A.I.R.**

465 Castro Street  
Mountain View, CA 94041  
(415) 964-0413  
Jerry Seehof, President  
Private  
Total Sales FYE 2/81: \$1,000,000 Est.  
**Computer Services Offered:** • Processing • Turnkey Systems

**R.D.P. Computer Services**

*Name changed to: Sweetbriar Information Systems*

**R & L Datacenters Inc.**

P O Box 1, 44 Main St  
Bloomsbury, NJ 08804  
(201) 479-4171  
Robert A. Angell, President

**RAC Information Systems**

11 Middle Neck Rd.  
Great Neck, NY 11022  
(212) 355-1979

**RAI Business Systems Inc.**

2050 Route 22  
Scotch Plains, NJ 07076  
(201) 561-9100  
James Remo, President  
Private

## Directory of Computer Services Companies

**RCO Corp.**

601 San Pedro  
Albuquerque, NM 87198  
(505)266-5811

*Computer Services Offered:* • Software Products

**RDW Systems, Inc.**

*See:* GENASYS Corporation

**RJE Data Processing Business Systems**

4738 West Peterson  
Chicago, IL 60646  
(312) 286-0441

**RKI Databank**

180 Grand Avenue  
Oakland, CA 94612  
(415) 839-5401  
Richard D. Lee, Partner

Private

Total Sales FYE 7/83: \$1,500,000 Est.

*Computer Services Offered:* • Processing

**RLG Corporation**

*See:* Computer Consoles, Inc.

**RMC Research**

*See:* Wilson Management Systems and Technology Group

**RNAA Software Systems**

2610 50th Street  
Lubbock, TX 79413  
(806) 792-4703

**RNB Computer Services Inc.**

141 East Market Street  
Harrisonburg, VA 22801  
(703) 434-9966  
C. Sheldon Layman, President

**ROH**

3456 Camino Del Rio North  
San Diego, CA 92108  
(619) 280-8100

Private

Total Sales FYE 6/82: \$5,000,000

*Computer Services Offered:* • Turnkey Systems

**ROI Consulting Inc.**

*See:* Teknekron Industries

**RTC Systems, Inc.**

55 Plain Street  
North Attleboro, MA 02760  
(617) 695-5008

Private

Total Sales FYE 3/84: \$4,000,000 Est.

*Computer Services Offered:* • Software Products

**RTR Software**

444 Executive Center Suite 225  
El Paso, TX 79902  
(915)544-4397

Clay Burch, President

Private

Total Sales FYE 4/83: \$1,500,000 Est.

*Computer Services Offered:* • Software Products

**RWB Associates**

5112 River Avenue  
Newport Beach, CA 92663  
(714) 631-2683

Robert W. Blackman, President

Private

Total Sales FYE 3/81: \$1,500,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Racal-Redac, Inc.**

One Redac Way  
Littleton, MA 01640  
(617) 692-4900

H. Gene Marsh, President

*Computer Services Offered:* • Processing • Professional Services • Turnkey Systems

**Radian Corporation**

8500 Shoal Creek Blvd.  
Austin, TX 78766  
(512) 454-4797

**Radio Computing Services Inc.**

*See:* Systems and Programming International Inc.

**Radix Systems Corp.**

675 Massachusetts Ave.  
Cambridge, MA 02139  
(627) 354-4015  
John LeTow, President

**Ram Business Systems**

7 Earle Gables Court  
Mount Penn, PA 19606  
(215) 779-7940

**Ramtek Corporation**

2211 Lawson Lane  
Santa Clara, CA 95050  
(408) 988-2211

**RANAC Computer Corp.**

177 W Carmel Dr.  
Carmel, IN 46032  
(317) 844-0141  
Peter G. Fruehman, President

**Rand Computation Center**

1700 Main Street  
Santa Monica, CA 90406  
(213) 393-0411  
Jerry Koory, President

## Directory of Computer Services Companies

### Rand Information Systems, Inc.

1201 Harbor Bay Parkway  
Alameda, CA 94501  
(415) 769-9000  
Dale W. Darnley, Chairman and President  
Public  
Total Sales FYE 2/84: \$12,693,814  
*Computer Services Offered:* • Processing • Professional Services

#### SUBSIDIARIES:

#### Conversions, Inc.

144 Wind Chime Court  
Raleigh, NC 27609  
(919) 848-9801  
Fritz K. Lenker, President  
*Computer Services Offered:* • Software Products

### Rand McNally

#### DIVISIONS:

#### Transportation Data Management

8255 North Central Park  
Skokie, IL 60076  
(312) 673-9100  
*Computer Services Offered:* • Processing • Software Products

### Rand Systems Corp.

5600 W. Maple Rd, Ste B212  
West Bloomfield, MI 48033  
(313) 661-5757  
*Computer Services Offered:* • Software Products

### Rand Travel Agency Services

480 California Ave.  
Palo Alto, CA 94305  
(415) 328-6966  
*Computer Services Offered:* • Processing

### Randco Key punch Service

3222 Beaumont  
Temple Hills, MD 20748  
(301)423-7989  
Carol Paris, President  
*Computer Services Offered:* • Processing

### Randolph Technical Services, Inc.

P.O. Box 260 214 Main St., S.  
Randolph, MA 02368  
(617)986-5220  
Paul J. Wilczynski, President  
Private  
Total Sales FYE 6/81: \$250,000 Est.  
*Computer Services Offered:* • Professional Services

### Rans Micro Systems, Inc.

2233 Bailey Ave  
San Jose, CA 95128  
(408)998-7118  
*Computer Services Offered:* • Software Products

### Rapid Data Inc.

215 North 5th Street  
Redlands, CA 92373  
(714) 793-2855  
M. J. Hollinger, President  
Private

### Rapidata, Inc.

*Acquired/Merged:* National Data Corporation

### Rapp Industries, Inc.

683 Lafayette  
Hawthorne, NJ 07507  
(201)423-4097

### Rath & Strong Software

*See:* Rath & Strong, Inc.

### Rath & Strong, Inc. Products, Inc.

14901 Quorum Drive, Suite 600  
Lexington, MA 75240  
(214) 980-0647  
Private  
Total Sales FYE 12/83: \$5,000,000 Est.  
*Computer Services Offered:* • Software Products

#### SUBSIDIARIES:

#### Rath & Strong Software

20 Worthen Road  
Lexington, MA 02173  
(617) 861-1700  
Arnold R. Putnam, President

### Rational Data Systems (RDS)

205 East 42nd Street  
New York, NY 10017  
(212)697-5855  
Douglas R. Kaye, President  
Private

### Raven Systems and Research, Inc.

500 East Street, S.W.  
Washington, DC 20024  
(202) 479-2000  
(202) 682-2400, President  
Private  
Total Sales FYE 9/83: \$8,900,000 Est.  
Cptr. Svcs. Revs. FYE 9/83: \$6,250,000 Est.  
*Computer Services Offered:* • Professional Services

### Raxco Inc.

6520 Powers Ferry Rd., Ste 200  
Atlanta, GA 30339  
(404) 955-2553  
Jacqueline Maloney, President  
Private

### Raytheon Company

#### SUBSIDIARIES:

#### Seismograph Service Corp.

6200 E. 41st Street  
Tulsa, OK 74102  
(918) 627-3330  
Cptr. Svcs. Revs. FYE 12/83: \$70,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

## Directory of Computer Services Companies

## Reader's Digest Association

## SUBSIDIARIES:

## Source Telecomputing Corporation

1616 Anderson Road  
McLean, VA 22102  
Jay Keller  
Robert V. O'Brien, President  
Total Sales FYE 6/83: \$17,500,000 Est.  
*Computer Services Offered:* • Processing • Software Products

## DIVISIONS:

## Reader's Digest Services

Pleasantville, NJ 10570  
(914) 769-7000  
*Computer Services Offered:* • Software Products

## Reader's Digest Services

*See:* Reader's Digest Association

## Real Decision Corporation

123 High Ridge Rd.  
Stamford, CT 06905  
(203) 329-2071

## Real Estate Data

*See:* Colonial Penn Insurance

## Real Estate Information Tracking Systems

8430 Dixie Drive, N  
Dayton, OH 45414  
(513)890-1830  
*Computer Services Offered:* • Software Products • Turnkey Systems

## Reality Software Company

1116 8th St., Suite F  
Manhattan Beach, CA 90266  
(213) 372-9419  
Private  
Total Sales FYE 7/81: \$250,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

## Realtron Corporation

24065 Five Mile Road  
Detroit, MI 48239  
(313) 255-1200  
Jack Jominy, President  
Private  
Total Sales FYE 4/83: \$20,000,000 Est.  
*Computer Services Offered:* • Processing

## REAP Inc.

31 Olympia Ave.  
Woburn, MA 01801  
(617) 935-8620  
Robert Woods, President  
Private  
Total Sales FYE 6/81: \$3,500,000 Est.  
*Computer Services Offered:* • Processing • Turnkey Systems

## SUBSIDIARIES:

## Teledata Time Sharing

P.O. Box 364  
Hanover, NH 03755  
(603) 448-5000  
Thomas Kelleher, President

## REC-CHEK, Inc.

P.O. Box 239  
Nevada, IA 50201  
(515) 382-2186  
David Anderson, President  
Private

## Record Processing Corp.

345 97th St  
Brooklyn, NY 11209  
(212) 730-0007

## Redshaw, Inc.

*See:* ITT

## Reed Holdings

## SUBSIDIARIES:

## International Computaprint Corporation

475 Virginia Dr.  
Ft. Washington, PA 19034  
(215)641-6000  
Hans E. Nickel, President  
Total Sales FYE 3/83: \$25,000,000 Est.  
*Computer Services Offered:* • Processing

## Rehab Group, Inc.

5203 Leesburg Pike,  
Falls Church, VA 22041  
(703) 820-4900  
Richard S. Quiggs, President  
Private  
Total Sales FYE 6/83: \$15,000,000 Est.  
*Computer Services Offered:* • Processing • Professional Services • Turnkey Systems

## Reiter Software Systems Inc.

211 Sutter St., Ste 309  
San Francisco, CA 94108  
(415)956-1575  
*Computer Services Offered:* • Software Products

## Relational Database Systems, Inc

1208 Apollo Way Ste 503  
Sunnyvale, CA 94086  
(408)746-0982  
Roger J. Sippl, President  
Total Sales FYE 12/82: \$700,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

## Directory of Computer Services Companies

**Relational Software Inc.***Name Changed To: Oracle Corporation***Relational Technology Inc.**

2855 Telegraph Avenue  
Berkeley, CA 94705  
(415) 845-1700

Gary Morgenthaler, President

Private

Total Sales FYE 6/83: \$3,025,000 Est.

*Computer Services Offered:* • Software Products •  
Professional Services

**Remasco Inc.**

10240 SW 96th Terrace  
Miami, FL 33176  
(305)595-7046

Joseph A Duerstock, President

*Computer Services Offered:* • Software Products

**Remote Business Services Inc.**

9 Beltswood Road  
Norwalk, CT 06851  
(203) 853-1270

**Remote Computing Corporation***Name Changed To: Hale Systems, Inc.***Republic Management Systems**

1 Neshaminy Interplex Suite 306  
Trevose, PA 19047  
(215) 638-7995

David Higgins, President

Private

Total Sales FYE 6/82: \$5,000,000

*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**Republic Service Bureau Inc.**

19110 Van Ness Avenue  
Torrance, CA 90501  
(213) 533-0211

Jerome Sorkin, President

Private

*Computer Services Offered:* • Processing

**Republic Steel Corporation**

## DIVISIONS:

**Republic Technology Corp. Systems Division**

707 Brookpark Rd  
Brooklyn Heights, OH 44109  
(216) 622-5355

VJ Locasio, Managing Director

*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**Republic Technology Corp. Systems Division***See: Republic Steel Corporation***Resource Information Management Systems, Inc.**

2015 Spring Road, Suite 220  
Oak Brook, IL 60521

(312) 789-0230

Thomas I. Colgan, President

Private

*Computer Services Offered:* • Software Products •  
Professional Services

**Resource Software International, Inc.***See: Datamatics***Resource Systems, Inc.***Merged with: STSC, Inc.***Response of Hawaii, Inc.**

1600 Kapiolani Blvd Suite 210  
Honolulu, HI 96814

(808) 947-1267

Don Raymond, President

Private

Total Sales FYE 4/81: \$300,000

*Computer Services Offered:* • Processing • Software  
Products

**Response Technology Inc.**

4064 Southwest Donovan  
Seattle, WA 98136

(206) 937-7845

Gary Roe, President

Private

**Retail Information Systems, Inc.***See: Computer Systems Company Inc.***Retail Merchandising Service**

6600 Jurupa Avenue P.O. Box 2345  
Riverside, CA 92506

(714) 688-4302

Vernon J. Rossi, President

Private

**Reuters North America***See: Reuters, Ltd.***Reuters, Ltd.**

## DIVISIONS:

**Reuters North America**

80 Broad Street  
New York, NY 10019  
(212)582-4030

Glen Renfrew, Managing Director

Total Sales FYE 12/82: \$32,000,000 Est.

*Computer Services Offered:* • Processing

**Revco D.S., Inc.**

## SUBSIDIARIES:

**General Computer Corporation**

2045 Midway Drive  
Twinsburg, OH 44087

(216) 425-3241

Richard R. Pilarczyk, President

Total Sales FYE 6/84: \$9,500,000 Est.

*Computer Services Offered:* • Software Products • Turnkey  
Systems

## Directory of Computer Services Companies

**Leading Software Technologies Corp.**

26250 Euclid Avenue, Suite 307  
Euclid, OH 44132  
(216) 261-0187

Lawrence J. Murray, President  
*Computer Services Offered:* • Software Products

**Reveal Software, Inc.**

6 Chelmsford Dr  
Muttontown, NY 11545  
(516) 626-1166

*Computer Services Offered:* • Software Products

**Revere Copper & Brass**

## DIVISIONS:

**Revere Technology**

PO Box 848  
Scottsboro, AL 35768  
(205) 259-1460

Richard Little, President

Total Sales FYE 12/82: \$1,500,000 Est.

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Revere Technology**

*See:* Revere Copper & Brass

**Revlon Inc.**

## SUBSIDIARIES:

**Technicon Data Systems Corporation**

3255-1 Scott Blvd.  
Santa Clara, CA 95051  
(408) 727-9400

William H. J. Seabrook, President

Cptr. Svcs. Revs. FYE 12/83: \$36,000,000 Est.

*Computer Services Offered:* • Processing • Software Products

**Reynolds & Reynolds Company, The**

800 Germantown Street  
Dayton, OH 45407  
(513) 443-2000

Terry D. Carder, President and CEO

Public

Total Sales FYE 9/83: \$252,232,643

Cptr. Svcs. Revs. FYE 9/83: \$140,726,000

*Computer Services Offered:* • Processing • Turnkey Systems

**Rhitek, Inc.**

P.O. Box 220  
Columbia, MD 21045  
(301) 730-2575

Rainer F. McCown, Owner

Private

Total Sales FYE 10/83: \$1,000,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Rice Communications Inc.**

569 Castle Road  
Colorado Springs, CO 80904  
(303) 634-2345

**Richardson I. Lawrence & Associates, Inc.**

2140 South Walnut  
Springfield, IL 62704  
(217) 525-7272

I. Lawrence Richardson, President

Private

*Computer Services Offered:* • Software Products

**Roanco Associates**

2742 Westchester Dr North  
Clearwater, FL 33519  
(813) 796-0795

*Computer Services Offered:* • Software Products

**ROCI, Inc.**

1457 Ammons St.  
Lakewood, CO 80215  
(303) 234-1717

Earl W. Friedman, President

Private

**Rock Corporation**

## DIVISIONS:

**Physics International Company**

2700 Merced Street  
San Leandro, CA 94577  
(415) 357-4610

J.S. Martinez, PH.D., President

**Rockford Research Inc.**

*See:* Data Concepts

**Rockie Smith Enterprises Inc. (RSE Inc)**

123 E Broadway  
Cushing, OK 74023  
(918) 225-6340

*Computer Services Offered:* • Processing

**Rocky Mountain Software Systems**

PO Box 3282  
Walnut Creek, CA 94598  
(415) 625-1592

Greg Marshall, Partner

*Computer Services Offered:* • Software Products

**Rockliff Associates, Inc.**

2340 North Shore Dr.  
Delavan, WI 53115  
(414) 728-4254

Robert T. Schwartz, President

Private

**Rodin Corporation**

## DIVISIONS:

**Rodin Industries, Inc.**

PO Box 3087  
Scranton, PA 18501  
(717) 346-7045

Sydney H. Rodin, President

Private

**Rodin Industries, Inc.**

*See:* Rodin Corporation



## Directory of Computer Services Companies

**Rogue Valley Data Processing**

See: Harry &amp; David, Inc.

**Rolf Associates Inc.**

## DIVISIONS:

**Factory Systems**2264 Silas Deane Hwy.  
Rocky Hill, CT 06067  
(203) 563-1343

John J. Donovan, President

Private

Total Sales FYE 7/81: \$1,300,000 Est.

*Computer Services Offered:* • Software Products • Turnkey Systems**Ronalds-Federated**150 Bloor West, Suite 805  
Toronto, ON M5S2X  
(416) 964-1374

## DIVISIONS:

**Alphatext**240 Catherine Street Suite 230  
Ottawa, ON K2P26  
(613) 238-5333

James W. Hunter, President

Total Sales FYE 12/83: \$10,000,000 Est.

*Computer Services Offered:* • Processing • Professional Services**Roncom Systems Inc.**110-33 72nd Ave  
Forrest Hills, NY 11375  
(212)544-6705*Computer Services Offered:* • Software Products**Roshell Ivri Software Company**73 Cornwall Road  
Glen Rock, NJ 07452  
(201) 444-0917

Stanley Levin, President

Private

*Computer Services Offered:* • Software Products • Professional Services**Ross Systems, Inc.**1860 Embarcadero Road  
Palo Alto, CA 94303  
(415) 856-1100

Kenneth Ross, President

Private

Total Sales FYE 6/83: \$8,500,000

*Computer Services Offered:* • Processing • Software Products • Professional Services**Rothenberg Information Systems Inc.**444 Castro St Mountain Bay Plaza  
Mountain View, CA 94041  
(415)965-7380

Stephen Rothenberg, President

Private

Total Sales FYE 10/82: \$1,500,000

*Computer Services Offered:* • Turnkey Systems**Royal Communicating Graphics**855 Harrison  
San Francisco, CA 94107  
(415)546-7800

David Dodge, President

**Royal Data Systems**235 Main Dunstable Rd.  
Nashua, NH 03061  
(603) 889-4040**Rubel Software**215 First Street  
Cambridge, MA 02142  
(617) 876-7993

Andrew T. Rubel, President

Private

Total Sales FYE 12/84: \$500,000 Est.

*Computer Services Offered:* • Software Products**Russell Corporation**767 St. Claire, Ste 1840  
Chicago, IL 60611  
(312)337-5576**Ryan-McFarland Corp.**609 Deep Valley Drive  
Rolling Hills Estate CA 90274  
(213) 541-4828

Don Ryan, President

Private

Total Sales FYE 12/81: \$3,800,000

*Computer Services Offered:* • Software Products • Professional Services**Ryan, Donald & Associates Systems Consultants**

See: Congruent Systems, Inc.

**S & H Computer Systems**1027 17th Avenue South  
Nashville, TN 37212  
(615) 327-3670

Harry R. Sanders, President

Private

Total Sales FYE 7/84: \$1,500,000 Est.

*Computer Services Offered:* • Software Products**S.G.S. North America**

## SUBSIDIARIES:

**Marshall and Stevens Incorporated**600 South Commonwealth, Suite 915  
Los Angeles, CA 90005  
(213) 385-1515

Alec D. Shlach, President

Total Sales FYE 12/83: \$16,000,000 Est.

Cptr. Svcs. Revs. FYE 12/83: \$950,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services

# Directory of Computer Services Companies

**S.T.S. Systems, Inc.**

See: Systems Technology Services, Ltd.

**S-Cubed**

P.O. Box 1620  
La Jolla, CA 92038  
(619) 453-0060  
Donald Grinc, President

Private

Total Sales FYE 8/82: \$14,000,000 Est.  
Cptr. Svcs. Revs. FYE 8/82: \$1,400,000 Est.  
*Computer Services Offered:* • Processing • Software Products

**S-Tek Computer Services, Inc.**

214 S. 13 1/2 Street  
Terre Haute, IN 47803  
(812) 232-1385  
Fred P. Rubey, President

Private

**SAI Comsystems Corp.**

See: Science Applications International Corporation

**SAS Institute, Inc.**

P.O. Box 8000  
Cary, NC 27511  
(919) 467-8000  
James H. Goodnight, President

Private

Total Sales FYE 11/83: \$33,000,000  
*Computer Services Offered:* • Software Products

**SBD Computer Services**

4744 Baltimore Ave.  
Hyattsville, MD 20781  
(301) 864-9200  
John J. Sturzee, President

Private

Total Sales FYE 2/82: \$1,250,000  
*Computer Services Offered:* • Processing • Professional Services

**SCA Products & Services**

353 Lexington Avenue  
New York, NY 10016  
(212) 532-2990  
Shirley Eis, President

Private

Total Sales FYE 1/84: \$1,000,000 Est.  
*Computer Services Offered:* • Software Products

**SCS/Compute, Inc.**

11901 Olive, Suite 308  
St. Louis, MO 63141  
(314) 872-3149

## SUBSIDIARIES:

**Infoservices, Inc.**

1728 Montreal Circle, Suite 22  
Tucker, GA 30084  
(404) 938-9960  
Michael A. Sauter, President  
Total Sales FYE 4/84: \$2,500,000 Est.  
*Computer Services Offered:* • Processing • Software Products

**SD Transport Services, Inc.**

1000 East 41st Street, Suite F  
Sioux Falls, SD 57105  
(605) 339-3629  
Betty Simmons, President

Private

Total Sales FYE 12/84: \$500,000 Est.  
*Computer Services Offered:* • Processing • Professional Services

**SDA Federal Systems, Inc.**

See: AGS Computers Inc.

**SDI**

1700 South El Camino Real, P.O. Box 5801  
San Mateo, CA 94402  
(415) 572-1200  
Victor Persico, President

Private

Total Sales FYE 9/83: \$20,000,000 Est.  
*Computer Services Offered:* • Software Products

**SDK Medical Computer Services Corporation**

850 Boylston Street  
Chestnut Hill, MA 02167  
(617) 232-8005

S. David Kaufman, President

Private

Total Sales FYE 4/84: \$8,000,000 Est.  
*Computer Services Offered:* • Processing • Turnkey Systems

**SDPS**

30 Oser Avenue  
Hautauge, NY 11789  
(516) 231-5656  
Charles Stapleton, President

Private

**SEI Corporation**

680 East Swedesford Road  
Wayne, PA 19087  
(215) 687-1700  
Alfred P. West, Jr., President

Public

Total Sales FYE 12/83: \$69,239,000  
Cptr. Svcs. Revs. FYE 12/83: \$56,502,000  
*Computer Services Offered:* • Processing • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**TMI Systems Corporation**

83 Hartwell Ave.  
Lexington, MA 02173  
(617) 861-7700  
Wade Tambor, President

*Computer Services Offered:* • Processing • Software Products • Professional Services

## Directory of Computer Services Companies

**SEI Information Technology**

450 East Ohio St  
Chicago, IL 60611  
(312)440-8300  
T Russell Shields, President  
Private  
*Computer Services Offered:* • Processing • Professional Services

**SGM, Inc.**

8830 Interchange Drive  
Houston, TX 77054  
(713) 666-2701  
Bill McCullough, President  
Private  
Total Sales FYE 9/83: \$1,900,000 Est.  
*Computer Services Offered:* • Software Products

**SIS SunData**

See: SunData Corporation

**SJV Corporation**

## SUBSIDIARIES:

**SJV Data Service Inc.**

2020 Industrial Parkway  
Elkhart, IN 46514  
(219) 294-6621  
Richard Hershberger, President  
Total Sales FYE 12/81: \$3,250,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**SJV Data Service Inc.**

See: SJV Corporation

**SKK, Inc.**

10400 West Higgins Road Suite 616  
Rosemont, IL 60018  
(312) 635-1040  
Barry Schrage, President  
Total Sales FYE 12/83: \$10,000,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**SMC Software Systems**

See: Science Management Corporation

**SPS Technology**

## SUBSIDIARIES:

**Clay Bernard Systems International (CBSI)**

4239 S. 74 East Ave.  
Tulsa, OK 74145  
(918) 664-2200  
John Omlor, President

**SPSS, Inc.**

444 N. Michigan Ave. Suite 3300  
Chicago, IL 60611  
(312) 329-2400  
Norman H. Nie, President  
Private

**SREA Market Data Center Inc.**

24 West St. Josephs St.  
Arcadia, CA 91006  
(213) 445-2310  
John Hicks, Executive Vice President  
Private

**SRP Programming Reserve Inc.**

Two Penn Plaza, Ste. 1530  
New York, NY 10021  
(212) 239-6363  
Cliff Samara, President  
Private  
Total Sales FYE 9/83: \$1,800,000 Est.  
*Computer Services Offered:* • Professional Services

**SSM Microcomputer Products Inc.**

2190 Paragon Dr  
San Jose, CA 95131  
(408)946-7400  
*Computer Services Offered:* • Software Products

**SST, Inc.**

9434 North 107th St.  
Milwaukee, WI 53224  
(414) 355-6990  
Paul Leighton, President  
Private

**STC Systems, Inc.**

See: Storage Technology Corporation

**STR Corporation**

25A Technology Park, Ste 201  
Norcross, GA 30092  
(401) 458-0041  
R.M. Phillips, President

**STS, Inc.**

7751 Carondelet, Ste 604  
Clayton, MO 63105  
(314) 725-2750  
Norton L. Hoffman, President  
Private  
Total Sales FYE 8/81: \$400,000  
*Computer Services Offered:* • Processing • Professional Services • Turnkey Systems

**STSC, Inc.**

See: Continental Telecom Inc.

**Sachs/Freeman Associates Inc.**

14300 Gallant Fox Lane Suite 214  
Bowie, MD 20715  
(301) 262-4400  
Ernest Freeman, President  
Private  
Total Sales FYE 2/83: \$7,500,000  
*Computer Services Offered:* • Professional Services

**Saddlebrook Corporation**

101 Main Street  
Cambridge, MA 02142  
(617) 661-8100  
Michael Kinkaid, President  
Private  
*Computer Services Offered:* • Turnkey Systems

## Directory of Computer Services Companies

**SAFECO Corporation**

## SUBSIDIARIES:

**SAFECO Title Insurance**

13640 Roscoe Boulevard  
Panama City, CA 91409  
(213) 902-3342  
William Little, President  
Cptr. Svcs. Revs. FYE 12/82: \$6,000,000 Est.  
*Computer Services Offered:* • Processing

**SAFECO Title Insurance**

See: SAFECO Corporation

**Safecom, Inc.**

*Name Changed To: AGENA Corporation*

**Safeguard Business Systems, Inc.**

400 Maryland Drive  
Fort Washington, PA 19034  
(215) 641-5000  
Vincent G. Bell, Jr., Chairman and CEO  
Public  
Total Sales FYE 12/83: \$168,116,000  
Cptr. Svcs. Revs. FYE 12/83: \$40,191,000  
*Computer Services Offered:* • Processing • Turnkey Systems

## SUBSIDIARIES:

**National Training Systems**

1111 Broadway  
Santa Monica, CA 90401  
(213) 394-7685  
Ron Posner, Chairman  
*Computer Services Offered:* • Processing • Professional Services

**Safeguard Scientifics, Inc.**

630 Park Avenue  
King of Prussia, PA 19406  
(215) 265-4000  
Adolf Q. Paier, President  
Public  
Total Sales FYE 12/83: \$46,011,800  
Cptr. Svcs. Revs. FYE 12/83: \$5,061,000  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Sage Data Inc.**

104 Carnegie Center  
Princeton, NJ 08540  
(609) 924-3000  
John Torkelsen, President  
Private  
Total Sales FYE 6/83: \$3,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Sage Systems Inc.**

5161 River Rd.  
Bethesda, MD 20816  
(301) 986-1333  
Larry G. Settle, Chairman and President  
Private  
Total Sales FYE 1/82: \$2,750,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Said Inc.**

417 West Broad Street  
Falls Church, VA 22046  
(703) 532-9190  
R.O. Beach, President

**San Francisco Systems, Inc.**

110 Sutter Street  
San Francisco, CA 94104  
(415) 982-3500  
Larry Milliron, President  
Private  
Total Sales FYE 11/84: \$1,250,000 Est.  
*Computer Services Offered:* • Professional Services

**Santa Cruz Software Services**

1711 Quail Hollow Road  
Ben Lomond, CA 95005  
(408) 438-2360  
Gerard Brevier, President  
*Computer Services Offered:* • Software Products

**Sargent-Welch Scientific Co.**

## DIVISIONS:

**Densichron Division**

7300 North Linder Ave  
Skokie, IL 60077  
(312) 677-0600  
Charles J. Thomas, Jr., Manager  
*Computer Services Offered:* • Turnkey Systems

**Sarig Business Systems, Inc.**

135 North Prospect Street  
Reading, PA 19606  
(215) 779-7285  
Lynn W. Sarig, President  
Private  
Total Sales FYE 9/84: \$400,000  
*Computer Services Offered:* • Software Products • Professional Services

**Sat Com Inc.**

11 Diamond Court  
Glen Rock, NJ 07452  
(201) 447-5379  
Ronald Formella, President  
Private  
Total Sales FYE 12/84: \$500,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**SATCOM (Satellite Computing, Inc.)**

4521 Professional Circle  
Virginia Beach, VA 23455  
(804) 499-9803  
Talmadge F. Broughton, President  
Private  
Total Sales FYE 3/82: \$2,500,000  
*Computer Services Offered:* • Software Products • Professional Services

## Directory of Computer Services Companies

**Satellite Software International (SSI)**

288 West Center St  
Orem, UT 84057  
(801) 224-8554  
Bruce Bastian, President  
Private  
Total Sales FYE 12/81: \$850,000  
Computer Services Offered: • Software Products

**Saturn Software Inc.**

*Name Changed to: Integrity Solutions, Inc.*

**Saturn Systems, Inc.**

6875 Washington Ave. S Suite 218  
Minneapolis, MN 55435  
(612) 944-2452  
Kenneth Kunstmann, President  
Private

**Savings Management Computer Corporation**

60 Congress Street  
Boston, MA 02109  
(617) 423-0850  
Charles Locicero, President  
Private

**Saztec**

27520 Hawthorne Blvd  
Rolling Hills Estate CA 90274  
(213) 544-0337  
Thomas Reed, President  
Private  
Total Sales FYE 6/82: \$4,500,000  
Computer Services Offered: • Processing • Software Products • Professional Services

**Scheduling Corporation of America**

2215 York Road, Suite 414  
Chicago, IL 60521  
(312) 323-0444  
George Stout, President  
Private  
Total Sales FYE 6/82: \$7,000,000  
Computer Services Offered: • Professional Services

**Schlumberger Ltd.**

## SUBSIDIARIES:

**Schlumberger Technology Corp**

## SUBSIDIARIES:

**Appicon Inc.**

32 Second Avenue  
Burlington, MA 01803  
(617) 272-7070  
Alex Beavers, Jr., President  
Public  
Total Sales FYE 12/83: \$100,000,000 Est.  
Computer Services Offered: • Processing • Software Products • Turnkey Systems

**Manufacturing Data Systems, Inc.**

4251 Plymouth Road, P.O. Box 986  
Ann Arbor, MI 48106  
(313) 995-6000  
Richard A. Mohrman, General Manager  
Cptr. Svcs. Revs. FYE 12/83: \$43,000,000 Est.  
Computer Services Offered: • Processing • Software Products • Turnkey Systems

**Schlumberger Technology Corp**

*See: Schlumberger Ltd.*

**Schulstad, Myers & Associates Inc**

4010 DuPont Circle  
Louisville, KY 40207  
(615) 327-3670  
Eugene Schulstad, President  
Private  
Total Sales FYE 7/83: \$1,500,000 Est.  
Computer Services Offered: • Software Products

**Sci-Tek Associates, Inc.**

*Acquired/Merged: Anacomp, Inc.*

**Science Applications International Corporation**

## SUBSIDIARIES:

**Science Applications, Inc.**

1200 Prospect Street  
La Jolla, CA 92038  
(619) 454-3811  
J.R. Beyster, President and Chairman  
Public  
Total Sales FYE 1/84: \$354,366,000  
Cptr. Svcs. Revs. FYE 1/84: \$75,000,000 Est.  
Computer Services Offered: • Professional Services

## SUBSIDIARIES:

**JRB Associates, Inc.**

1200 Prospect Street  
La Jolla CA 92037  
(714) 454-3811

**SAI Comsystems Corp.**

2801 Camino Del Rio South  
San Diego, CA 92108  
(714) 293-7500

**Science Applications, Inc.**

*See: Science Applications International Corporation*

**Science Dynamics Corporation**

*Acquired/Now: McDonnell Douglas Physician Systems, Inc.*

**Science Management Corporation**

1011 Route 22, P.O. Box 6800  
Bridgewater, NJ 08807  
(201) 685-9000  
James A. Skidmore, Jr., President  
Public  
Total Sales FYE 12/83: \$68,840,000  
Cptr. Svcs. Revs. FYE 12/83: \$24,000,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services

## Directory of Computer Services Companies

## DIVISIONS:

**SMC Software Systems**

1011 Route 22 P.O. Box 6800  
Bridge Water, NJ 08807

(201) 685-9000

Raymond D. Novak, President

*Computer Services Offered:* • Software Products

**Scientific Calculations**

100 5th Avenue  
Waltham, MA 02154

(617) 890-8760

Private

Total Sales FYE 12/83: \$34,232,000

*Computer Services Offered:* • Software Products •

Professional Services • Turnkey Systems

**Scientific Computer Applications, Inc.**

808 Wright Bldg. 3rd & Cheyenne

Tulsa, OK 74103

(918) 584-6197

**Scientific Computers Inc.**

10101 Bren Road East

Minnetonka, MN 55343

(612) 933-4200

Richard A. Walter, President

Public

Total Sales FYE 6/84: \$14,890,617

*Computer Services Offered:* • Processing

## SUBSIDIARIES:

**Ketabular Processing Company**

4114 N. 27th Avenue

Phoenix, AZ 85017

(602) 265-0572

**Scientific Information Retrieval, Inc.**

820 Davis Street, Suite 400

Evanston, IL 60201

(312) 475-2314

Eli Cohen, President

Private

Total Sales FYE 12/83: \$4,000,000 Est.

*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Scientific Process & Research**

400 Cleveland Ave. P.O. Box 1268

Highland Park, NJ 08904

(201) 846-3477

Imrich Klein, PH.D., President

Private

**Scientific Software Corporation**

*Merged with Intercomp. Now: Scientific Software-Intercomp (SSI)*

**Scientific Software-Intercomp**

1801 California Street, 4th Floor

Denver CO 80202

(303) 292-1111

Robert C. McFarlane, President and CEO

Public

Total Sales FYE 12/83: \$30,827,000

Cptr. Svcs. Revs. FYE 12/83: \$29,517,000

*Computer Services Offered:* • Processing • Software Products • Professional Services

**Scribe Data Systems**

*See: Faxon Company, The*

**Scripps Data Systems Inc.**

9580 Black Mountain Road

San Diego, CA 92131

(619) 695-1540

Jean Barnett, President

Private

Total Sales FYE 5/84: \$2,000,000 Est.

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Scully Data Systems**

*See: Scully Signal*

**Scully Signal**

## DIVISIONS:

**Scully Data Systems**

Northern Industrial Park

Wilmington, MA 01887

(617) 729-7510

Robert G. Scully, President

Private

**Seafirst Corporation**

*Acquired By BankAmerica Corporation*

**Seattle Computer Products**

1114 Industry Drive

Seattle, WA 98188

(206) 575-1830

**Securities Data Company, Inc.**

*See: Capital Cities Communications, Inc.*

**Securities Industry Automation Corporation**

*See: New York and American Stock Exchanges*

**Security America Corporation**

## DIVISIONS:

**NUCO Systems, Inc.**

2301 West 22nd Street, Suite 101

Oak Brook, IL 60521

(312) 986-9014

Elwood D. Yeater, Vice President, Data Services

**Sedalia Computer Services, Inc.**

P.O. Box 148

Sedalia, MO 65301

(816) 827-1990

L.R. McRoy, President

Private

Total Sales FYE 6/81: \$546,000

*Computer Services Offered:* • Processing

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Capitol City Computer Services**

915 Southwest Blvd., Ste. F  
Jefferson City, MO 65101  
(314)634-2333  
L.R. McKay, President

**Sedlak, J.P. Associates**

135 William Street  
New York, NY 10038  
(212) 233-8780  
John P. Sedlak, President  
Private  
Total Sales FYE 5/82: \$1,600,000  
*Computer Services Offered:* • Processing • Software Products

**Sedlitz Enterprises, Inc.**

8750 Georgia Ave. Suite 122E  
Silver Spring, MD 20910  
(301) 585-5456  
Bert Sedlitz, President  
Private

**Seis Pros, Inc.**

16850 Park Row PO Box 218001  
Houston, TX 77218  
(713) 492-0028  
*Computer Services Offered:* • Processing • Professional Services

**Seiscom Delta, Inc.**

P.O. Box 4610  
Houston, TX 77210  
(713) 556-1400  
Thomas B. Portwood, Jr., President and CEO  
Public  
Total Sales FYE 9/83: \$102,216,000  
Cptr. Svcs. Revs. FYE 9/83: \$25,000,000 Est.  
*Computer Services Offered:* • Processing

**Seisdata Services, Inc.**

333 North Belt East, Suite 890  
Houston, TX 77060  
(713) 931-7661  
Raymond W. Clawson, President  
Public  
Total Sales FYE 12/82: \$6,989,000  
Cptr. Svcs. Revs. FYE 12/82: \$1,169,000  
*Computer Services Offered:* • Processing

**Seismic & Digital Concepts, Inc.**

8582 Katy Fwy, Ste 100  
Houston, TX 77024  
(713)932-0400  
F. M. Gardiner, President  
*Computer Services Offered:* • Processing

**Seismic International Research Corp**

1531 Stout, Ste 310  
Denver, CO 80202  
Stan D Brasel  
*Computer Services Offered:* • Processing

**Seismic Processors, Inc.**

333 North Belt East, Ste 950  
Houston, TX 77060  
(713)820-3016  
Phillip L. Martin, President  
*Computer Services Offered:* • Processing

**Seismograph Service Corp.**

*See:* Raytheon Company

**Selamar Corp.**

437-A Aldo Ave  
Santa Clara, CA 95050  
(408)727-2811  
*Computer Services Offered:* • Software Products

**Selva Systems Inc.**

167 Worcester St.  
Wellesley, MA 02181  
(617) 431-7576  
Alan R. Pearlman, President  
*Computer Services Offered:* • Software Products

**Sensible Software**

*See:* Harper & Row Publishers Inc.

**Sentinel Computer**

9902 Carver Road  
Cincinnati, OH 45242  
(513) 984-6622  
Daniel John Jaanes, President  
Private  
Total Sales FYE 12/82: \$3,629,000 Est.  
*Computer Services Offered:* • Turnkey Systems

**Sentry Data Inc.**

1699 Wall St.  
Mount Prospect, IL 60056  
(312)952-0500  
Jerald R. Mathys, President  
Public  
Total Sales FYE 12/82: \$900,000  
*Computer Services Offered:* • Turnkey Systems

**Sercon Corporation**

4611 North Lindhurst  
Dallas, TX 75229  
(214) 691-3020  
William Simpson, President  
Private  
*Computer Services Offered:* • Software Products

**SERENA Consulting**

P.9. Box 5574  
San Mateo, CA 94402  
(415) 349-0900  
Doug Troxel, President  
Total Sales FYE 1/83: \$310,000  
*Computer Services Offered:* • Software Products • Professional Services

**Service Data Processing**

2301 N W Thurman  
Portland, OR 97210  
(503) 224-8168

**Service Software Inc.**

*See:* Value Computing, Inc.



## Directory of Computer Services Companies

## DIVISIONS:

**SMC Software Systems**

1011 Route 22 P.O. Box 6800  
Bridge Water, NJ 08807

(201) 685-9000

Raymond D. Novak, President

*Computer Services Offered:* • Software Products

**Scientific Calculations**

100 5th Avenue  
Waltham, MA 02154

(617) 890-8760

Private

Total Sales FYE 12/83: \$34,232,000

*Computer Services Offered:* • Software Products •

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808 Wright Bldg. 3rd & Cheyenne

Tulsa, OK 74103

(918) 584-6197

**Scientific Computers Inc.**

10101 Bren Road East

Minnetonka, MN 55343

(612) 933-4200

Richard A. Walter, President

Public

Total Sales FYE 6/84: \$14,890,617

*Computer Services Offered:* • Processing

## SUBSIDIARIES:

**Ketabular Processing Company**

4114 N. 27th Avenue

Phoenix, AZ 85017

(602) 265-0572

**Scientific Information Retrieval, Inc.**

820 Davis Street, Suite 400

Evanston, IL 60201

(312) 475-2314

Eli Cohen, President

Private

Total Sales FYE 12/83: \$4,000,000 Est.

*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Scientific Process & Research**

400 Cleveland Ave. P.O. Box 1268

Highland Park, NJ 08904

(201) 846-3477

Imrich Klein, PH.D., President

Private

**Scientific Software Corporation**

*Merged with Intercomp. Now: Scientific Software-Intercomp (SSI)*

**Scientific Software-Intercomp**

1801 California Street, 4th Floor

Denver, CO 80202

(303) 292-1111

Robert C. McFarlane, President and CEO

Public

Total Sales FYE 12/83: \$30,827,000

Cptr. Svcs. Revs. FYE 12/83: \$29,517,000

*Computer Services Offered:* • Processing • Software Products • Professional Services

**Scribe Data Systems**

*See: Faxon Company, The*

**Scripps Data Systems Inc.**

9580 Black Mountain Road

San Diego, CA 92131

(619) 695-1540

Jean Barnett, President

Private

Total Sales FYE 5/84: \$2,000,000 Est.

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Scully Data Systems**

*See: Scully Signal*

**Scully Signal**

## DIVISIONS:

**Scully Data Systems**

Northern Industrial Park

Wilmington, MA 01887

(617) 729-7510

Robert G. Scully, President

Private

**Seafirst Corporation**

*Acquired By BankAmerica Corporation*

**Seattle Computer Products**

1114 Industry Drive

Seattle, WA 98188

(206) 575-1830

**Securities Data Company, Inc.**

*See: Capital Cities Communications, Inc.*

**Securities Industry Automation Corporation**

*See: New York and American Stock Exchanges*

**Security America Corporation**

## DIVISIONS:

**NUCO Systems, Inc.**

2301 West 22nd Street, Suite 101

Oak Brook, IL 60521

(312) 986-9014

Elwood D. Yeater, Vice President, Data Services

**Sedalia Computer Services, Inc.**

P.O. Box 1488

Sedalia, MO 65301

(816) 827-1990

L.R. McRoy, President

Private

Total Sales FYE 6/81: \$546,000

*Computer Services Offered:* • Processing

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Capitol City Computer Services**

915 Southwest Blvd., Ste. F  
Jefferson City, MO 65101  
(314)634-2333  
L.R. McRoy, President

**Sedlak, J.P. Associates**

135 William Street  
New York, NY 10038  
(212) 233-8780  
John P. Sedlak, President

Private

Total Sales FYE 5/82: \$1,600,000

Computer Services Offered: • Processing • Software Products

**Sedlitz Enterprises, Inc.**

8750 Georgia Ave. Suite 122E  
Silver Spring, MD 20910  
(301) 585-5456  
Bert Sedlitz, President

Private

**Seis Pros, Inc.**

16850 Park Row PO Box 218001  
Houston, TX 77218  
(713) 492-0028

Computer Services Offered: • Processing • Professional Services

**Seiscom Delta, Inc.**

P.O. Box 4610  
Houston, TX 77210  
(713) 556-1400  
Thomas B. Portwood, Jr., President and CEO

Public

Total Sales FYE 9/83: \$102,216,000

Cptr. Svcs. Revs. FYE 9/83: \$25,000,000 Est.

Computer Services Offered: • Processing

**Seisdata Services, Inc.**

333 North Belt East, Suite 800  
Houston, TX 77060  
(713) 931-7661

Raymond W. Clawson, President

Public

Total Sales FYE 12/82: \$6,989,000

Cptr. Svcs. Revs. FYE 12/82: \$1,169,000

Computer Services Offered: • Processing

**Seismic & Digital Concepts, Inc.**

8582 Katy Fwy. Ste 100  
Houston, TX 77024  
(713)932-0400

F. M. Gardiner, President

Computer Services Offered: • Processing

**Seismic International Research Corp**

1531 Stout, Ste 310  
Denver, CO 80202  
Stan D. Brasel

Computer Services Offered: • Processing

**Seismic Processors, Inc.**

333 North Belt East, Ste 950  
Houston, TX 77060  
(713)820-3016  
Phillip L. Martin, President

Computer Services Offered: • Processing

**Seismograph Service Corp.**

See: Raytheon Company

**Selamar Corp.**

437-A Aldo Ave  
Santa Clara, CA 95050  
(408)727-2811

Computer Services Offered: • Software Products

**Selva Systems Inc.**

167 Worcester St.  
Wellesley, MA 02181  
(617) 431-7576  
Alan R. Pearlman, President

Computer Services Offered: • Software Products

**Sensible Software**

See: Harper & Row Publishers Inc.

**Sentinel Computer**

9902 Carver Road  
Cincinnati, OH 45242  
(513) 984-6622  
Daniel John Jaanes, President

Private

Total Sales FYE 12/82: \$3,629,000 Est.

Computer Services Offered: • Turnkey Systems

**Sentry Data Inc.**

1699 Wall St  
Mount Prospect, IL 60056  
(312)952-0500  
Jerald R. Mathys, President

Public

Total Sales FYE 12/82: \$900,000

Computer Services Offered: • Turnkey Systems

**Sercon Corporation**

4611 North Lindhurst  
Dallas, TX 75229  
(214) 691-3020  
William Simpson, President

Private

Computer Services Offered: • Software Products

**SERENA Consulting**

P.O. Box 5574  
San Mateo, CA 94402  
(415) 349-0900  
Doug Troxel, President

Total Sales FYE 1/83: \$310,000

Computer Services Offered: • Software Products • Professional Services

**Service Data Processing**

2301 N W Thurman  
Portland, OR 97210  
(503) 224-8168

**Service Software Inc.**

See: Value Computing, Inc.

## Directory of Computer Services Companies

**Shaes & Co.**

405 North Wabash  
Chicago, IL 60611  
(312)467-1000

*Computer Services Offered:* • Software Products

**Shaker Computer and Management Services**

990 River View Rd.  
Schenectady, NY 12309  
(518) 785-0978

Richard L. Werner, President

Private

Total Sales FYE 5/82: \$1,000,000

*Computer Services Offered:* • Processing • Software Products

**Shales & Young Information Systems, Inc.**

405 North Wabash Ave  
Chicago, IL 60611  
(312)645-0808

Michael S. Young, President

Private

*Computer Services Offered:* • Software Products

**Share Computer System, Inc.**

8009 NW 36th Street  
Miami, FL 33166  
(305) 592-6224

Colin Armstrong, VP and General Manager

Private

**Shared Financial Systems**

15301 Dallas Parkway, Suite 650  
Dallas, TX 75248  
(214) 233-8356

Jack L. Fielder, Chairman and President

Private

*Computer Services Offered:* • Software Products

## SUBSIDIARIES:

**Pacesetter Systems, Inc.**

4141 Blue Lake Circle, Suite 132  
Dallas, TX 75234  
(214) 241-1328

William Hinshaw, President

Total Sales FYE 3/84: \$4,000,000 Est.

*Computer Services Offered:* • Software Products

**Shared Medical Systems Corporation**

51 Valley Stream Parkway PO Box 675  
Malvern, PA 19355  
(215) 296-6300

R. James Macaleer, Chairman and CEO

Public

Total Sales FYE 12/83: \$35,000,000

Cptr. Svcs. Revs. FYE 12/83: \$31,500,000

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Shared Resources**

4400 Spring Valley Rd.  
Dallas, TX 75234  
(214)233-7645

**Sharp, I.P. Associates**

2 First Canadian Place, Suite 1900  
Toronto, Ontario M5 X 1E3  
(416) 364-5361

Ian P. Sharp, President

Private

Total Sales FYE 12/83: \$47,503,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services

**Shasta General Systems**

*Acquired/Merged with:* Zentec Corporation, Inc.

**Shaw Data Services, Inc.**

122 E. 42nd Street Suite 2307-8  
New York, NY 10168  
(212) 682-8877

William Burnett, President

Private

Total Sales FYE 6/82: \$6,500,000 Est.

*Computer Services Offered:* • Processing

**Shaw Systems Associates Inc.**

6620 Harwin, Suite 300  
Houston, TX 77036  
(713) 782-7730

Roy Shaw, President

Private

**Shawinigan Engineering Company**

## SUBSIDIARIES:

**Construction Industry Computer**

620 Dorchester Blvd. West  
Montreal, QU H3B1N  
(514) 866-4677

A.N. Davis, Vice President

**Shawmut Bank of Boston, NA Computer Services Dept.**

One Federal Street  
Boston, MA 02110  
(617) 292-2000

William S. Craig, President

**Shear Development Corporation**

75 Federal St., Suite 614  
Boston, MA 02110  
(617) 426-3404

Robert Shear, President

Private

**Shirley Software Systems**

1936 Huntington Drive  
South Pasadena, CA 91030  
(818) 441-5121

Walter W. Shirley, President

Private

Total Sales FYE 12/82: \$1,000,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services

**Shrager Klemens And Kruger**

*Name Changed To:* SKK, Inc.

## Directory of Computer Services Companies

**Shriver, R., Associates**

1259 Rt. 46, Building 2  
Parsippany, NJ 07054  
(201) 335-7800  
Archie Williams, President

Private  
Total Sales FYE 12/83: \$500,000 Est.  
Computer Services Offered: • Software Products

**Shuford Data Services**

See: Shuford Mills

**Shuford Mills**

## DIVISIONS:

**Shuford Data Services**

P.O. Box Drawer 2228  
Hickory, NC 28601  
(704) 328-2131  
Henry L. Schmulling, Division Manager

**Sider, Joseph & Associates, Inc.**

15713 Varden Street  
Encino, CA 91436  
(213) 784-6722

**Siegel Software Services**

3080 Olcott  
Santa Clara, CA 95050  
(408) 496-6400  
John Siegel, President  
Private

**Sierra On-Line, Inc.**

Sierra On-Line Bldg.  
Coarsegold, CA 93614  
(209) 683-6858  
Ken Williams, President

Private  
Total Sales FYE 3/84: \$7,000,000 Est.  
Cptr. Svcs. Revs. FYE 3/84: \$2,500,000 Est.  
Computer Services Offered: • Software Products

**Sierra Systems Consultants, Inc.**

649 Mission street  
San Francisco, CA 94105  
(415) 543-6673

**Sigma Research Associates**

P.O. Box 9291  
San Diego, CA 92109  
(714) 459-2743  
Robert R. Trippi, Ph.D., Director  
Private

**Sigma Software Inc.**

See: Informatics General Corporation

**Signal Technology, Inc.**

5951 Encina Road  
Goleta, CA 93117  
(805) 683-3771  
John D. Markle, President

Private  
Total Sales FYE 9/84: \$4,000,000  
Computer Services Offered: • Processing • Software Products

**Silicon Valley Systems Inc.**

1625 El Camino Real, Ste 4  
Belmont, CA 94002  
(415) 593-4344

Computer Services Offered: • Software Products

**Silton Data**

2407 E. 38th  
Los Angeles, CA 90058  
(213) 585-1161  
John Smart, President  
Private

## SUBSIDIARIES:

**Apparel Management Systems**

2407 East 38th  
Los Angeles, CA 90058  
(213) 585-1161  
Larry Wagner, President  
Total Sales FYE 12/82: \$5,000,000 Est.  
Computer Services Offered: • Processing • Turnkey Systems

**Simcon Inc.**

See: Hadron Inc.

**SIMPLAN Systems Inc (SSI)**

300 Eastowne Dr  
Chapel Hill, NC 27514  
(919) 493-2495  
Bernard von Lintel, President

Private  
Total Sales FYE 12/82: \$3,700,000  
Computer Services Offered: • Software Products • Professional Services

**Simple Soft Inc.**

480 Eagle Drive, Ste 101  
Elk Grove, IL 60007  
(312) 364-0752  
Philip Rozansky, President

Private  
Computer Services Offered: • Software Products • Professional Services

**Simplex Systems Service & Computer Corporation**

60 Madison Ave.  
New York, NY 10010  
(212) 243-5351  
J.J. Gerard, President

**Simulation Sciences**

1400 N. Harbor Blvd, Suite 250  
Fullerton, CA 92635  
(714) 879-9180  
Dr. Wang, President  
Private

**Sirco Enterprises, Inc.**

2855 Coolidge, Suite 200 Suite 102  
Troy, MI 48084  
(313) 649-2810  
Robert G. Sirna, President

Private  
Total Sales FYE 10/84: \$6,000,000  
Computer Services Offered: • Professional Services

## Directory of Computer Services Companies

**Sistemas, Inc.**

*Name Changed To: Professional Software Solutions, Inc.*

**Small Business Data Processing Corporation**

4208 Airport Rd.  
Cincinnati, OH 45226  
(513) 871-7019  
William R. Fryer, President  
Private

Total Sales FYE 12/81: \$575,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Small Business Management Systems Inc**

990 Clifton Ave  
Clifton, NJ 07013  
(201) 773-6010  
Thomas Blaney, President

Private

Total Sales FYE 7/82: \$300,000 Est.

*Computer Services Offered:* • Software Products

**Small Business Systems Group**

6 Carlisle Rd.  
Westford, MA 01886  
(617) 692-3800  
Mary Ann Driscoll, President  
Private

Total Sales FYE 5/81: \$1,000,000 Est.

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Small System Software**

P.O. Box 366  
Newbury Park, CA 91320  
(805) 497-6657  
Tom Nussmeier, Partner

**Smart Communications Inc.**

P.O. Box 963, FDR Station  
New York, NY 10150  
(212) 486-1894  
John Smart, President

Private

Total Sales FYE 12/83: \$500,000

*Computer Services Offered:* • Professional Services

**Smart, Inc.**

357 Main St., E.  
Meriden, CT 06450  
(203) 237-1191  
James C. Spring, President

Private

Total Sales FYE 4/82: \$1,000,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**SMITES Group**

*See: Peat, Marwick, Mitchell & Co.*

**Smith Data Processing**

P.O. Box 1779  
Spartanburg, SC 29301  
(803) 582-1216  
Glen Hammett, Vice President  
Private

**Smith, A. O., Corporation**

DIVISIONS:

**Smith, A.O. Data Systems Division**

8901 N. Kildeer Court  
Brown Deer, WI 53209  
(414) 357-2900

Alan G. Brown, Division General Manager

Cntr. Svcs. Revs. FYE 12/83: \$12,500,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services

**Smith, A.O. Data Systems Division**

*See: Smith, A. O., Corporation*

**Smith, C.D. Company**

233 S. 5th Street  
Grand Junction, CO 81501  
(303) 243-1121  
Sterling Smith, President  
Private

**Smith, Dennis & Gaylord**

3211 Scott Boulevard  
Santa Clara, CA 95051  
(408) 727-1870  
D. L. Dunbar, President

Private

Total Sales FYE 1/84: \$5,000,000

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Smith, G.A., Inc.**

1075 Comstock  
Santa Clara, CA 95050  
(408) 247-3344  
G.A. Smith, President  
Private

**Smyth Business Systems**

7100 Whipple Ave. NW PO Box 8800  
Canton, OH 44711  
(216) 499-6392

Private

Total Sales FYE 12/81: \$7,300,000 Est.

*Computer Services Offered:* • Processing • Software Products

**Soft Core International, Inc.**

*See: Distek*

**Soft Pro Systems**

4121 MacDonald Avenue  
Richmond, CA 94805  
(415) 234-5440

Private

Total Sales FYE 7/84: \$600,000 Est.

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

## Directory of Computer Services Companies

**Soft-Pack Inc.**

4605 Lankershim, No. 350  
N. Hollywood, CA 91602  
(213) 877-1153  
Alan Denny, President

**Softech Microsystems Inc.**

See: SofTech, Inc.

**SofTech, Inc.**

460 Totten Pond Road  
Waltham, MA 02254  
(617) 890-6900  
Justus F. Lowe, Jr., President and CEO  
Public  
Total Sales FYE 5/84: \$43,558,304  
Computer Services Offered: • Software Products • Professional Services

## SUBSIDIARIES:

**Softech Microsystems Inc.**

9494 Black Mountain  
San Diego, CA 92126  
(714) 578-6105  
John Brackett, President

Computer Services Offered: • Software Products

**Softlink**

3255-2 Scott Blvd  
Santa Clara, CA 95051  
(408) 988-8011  
Reed Rutherford, President  
Private

Computer Services Offered: • Software Products

**Sofmatics Corporation**

44 Mall Rd  
Burlington, MA 01803  
(617) 273-3420  
Patrick Shannon, President  
Private

Computer Services Offered: • Software Products

**Softool Corporation**

340 South Kellogg Avenue  
Goleta, CA 93117  
(805) 964-0560  
Leon Presser, President  
Private

Computer Services Offered: • Software Products

**Softsel Computer Products, Inc.**

546 North Oak Street  
Inglewood, CA 90302  
(213) 412-1700  
Robert Leff, President  
Private

Total Sales FYE 5/83: \$35,000,000 Est.  
Cptr. Svcs. Revs. FYE 5/83: \$25,000,000 Est.  
Computer Services Offered: • Software Products

**Software & Systems Management, Inc.**

P O Box 7205  
Kansas City, MO 64113  
(816) 756-1111  
Robert P. Wahlstedt, President

**Software AG of North America, Inc.**

11800 Sunrise Valley Drive  
Reston, VA 22091  
(703) 860-5050  
Stuart J. Miller, President and CEO  
Public  
Total Sales FYE 5/84: \$41,126,605  
Computer Services Offered: • Software Products

**Software Alliance**

See: Teknekron Industries

**Software Alternatives**

4841 Monroe St, Ste. 101B  
Toledo, OH 43623  
(419) 472-2122  
Joseph Links, President  
Private  
Total Sales FYE 6/82: \$980,000 Est.  
Computer Services Offered: • Software Products • Professional Services

**Software Arts Inc.**

27 Mica Lane  
Wellesley, MA 02181  
(617) 237-4000  
Robert M. Frankston, President  
Private

Total Sales FYE 12/83: \$17,000,000 Est.  
Computer Services Offered: • Software Products

**Software Authority, The**

1270 Oakmead Pkwy  
Sunnyvale, CA 94086  
(408) 749-9100  
David Alderman, President  
Private

Computer Services Offered: • Software Products

**Software Clearing House, The**

771 Neeb Rd  
Cincinnati, OH 45238  
(513) 451-6742  
William Ivers, President  
Private

Total Sales FYE 12/82: \$5,000,000 Est.  
Computer Services Offered: • Software Products

**Software Connections, Inc.**

1800 Wyatt Dr, Ste 17  
Santa Clara, CA 95054  
(408) 988-3704  
Buck Gee, President  
Private

Computer Services Offered: • Software Products

**Software Consulting Services**

901 Whittier Drive  
Allentown, PA 19103  
(215) 797-9690  
Martha Cichella, Partner  
Private

**Software Corporation of America**

455 Carlisle Dr  
Herndon, VA 22070  
(703) 471-1545  
Computer Services Offered: • Software Products

## Directory of Computer Services Companies

**Software Customizing and Development**

1549 Los Angeles Ave.  
Ventura, CA 93004  
(805) 647-3929  
Bill Nunnally, Partner

**Software Design Associates, Inc.**

See: AGS Computers Inc.

**Software Development & Maintenance  
Int'l. Inc.**

134 Spring Avenue, P.O. Box 668  
Fuquay Varina, NC 27526  
(919) 552-5662  
P. Eugene Truelove, President  
Private  
Total Sales FYE 3/84: \$1,500,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services

**Software Dynamics**

2111 W. Cresent Ave.  
Anaheim, CA 92801  
(714) 635-4760  
Ira Baxter, Owner  
Private

**Software Engineering Associates, Inc.**

23864 Hawthorne Blvd. Suite 200  
Torrance, CA 90505  
(213) 373-8901  
Terry Dunbar, President  
Private

**Software House**

1105 Massachusetts Ave.  
Cambridge, MA 02138  
(617) 661-9440  
Private

**Software International Corp.**

See: General Electric Company

**Software Interntional Inc.**

1207 Bridgeway, Ste 2  
Sausalito, CA 94965  
(415) 332-8543  
Computer Services Offered: • Software Products

**Software Laboratories, Inc.**

See: Sterling Software, Inc.

**Software Maintenance and Development  
Systems, Inc.**

P.O. Box 555  
Concord, MA 01742  
(617) 369-7398  
Richard Harter, President  
Private  
Computer Services Offered: • Software Products

**Software Management Systems**

84 Inverness Circle, E.  
Englewood, CO 80112  
(303) 741-3185  
Dan Kummert, President  
Private

**Software Module Marketing**

Acquired by: Sterling Software, Inc. Now: Sterling  
Software Marketing.

**Software Publishing Corporation**

1901 Landings Drive  
Mountain View, CA 94043  
(415) 962-8910  
Fred M. Gibbons, President  
Public  
Total Sales FYE 9/84: \$23,464,000  
Computer Services Offered: • Software Products

**Software Pursuits, Inc.**

444 Market Street, Suite 800  
San Francisco, CA 94111  
(415) 392-7171  
Laurence Salvesson, President  
Private  
Total Sales FYE 10/83: \$2,500,000 Est.  
Computer Services Offered: • Software Products

**Software Research Associates**

580 Market Street, Suite 350  
San Francisco, CA 94104  
(415) 957-1441  
Edward F. Miller, Jr., President  
Private  
Total Sales FYE 3/84: \$650,000  
Computer Services Offered: • Professional Services

**Software Research Corp.**

140 Gould Street  
Needham Heights, MA 02194  
(617) 449-5310  
Allen Vecchio, President  
Private  
Total Sales FYE 3/81: \$1,250,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services

**Software Resources**

2020 Montrose Suite 202  
Houston, TX 77005  
(713) 521-0366  
Private

**Software Sciences, Inc.**

2814 N.W. New Spring Rd.  
Atlanta, GA 30339  
(404) 433-0078

**Software Services**

1944 N 1575 West  
Layton, UT 84041  
(801) 825-8909  
Jerry Pabst, President  
Computer Services Offered: • Software Products



## Directory of Computer Services Companies

**Software Services Of America Inc.**

370 Essex Street P.O. Box 254

Lawrence, MA 01842

(617) 681-0802

Bertram R. Hickman, Jr., President

Public

Total Sales FYE 5/84: \$580,997

Computer Services Offered: • Software Products

**Software Shop Systems, Inc.**

See: CGA Computer, Inc.

**Software Solutions Inc.**

201 N. East Street

Lebanon, OH 45036

(513) 932-6667

John M. Rettig, President

Private

Total Sales FYE 6/84: \$750,000 Est.

Computer Services Offered: • Software Products •

Professional Services • Turnkey Systems

**Software Solutions, Inc.**

26 Computer Drive East

Albany, NY 12205

(518) 458-1860

Thomas A. Duchesneau, President

Private

**Software Systems Associates**

4900 Leesburg Pike

Alexandria, VA 22302

(703) 998-0436

Ron Walker, President

Private

Total Sales FYE 7/81: \$400,000 Est.

Computer Services Offered: • Professional Services

**Software Systems Inc.**

3200 N. Hayden, Suite 100

Scottsdale, AZ 85251

(602) 990-0977

Robert Emmelkamp, President

Private

Total Sales FYE 12/84: \$450,000

Computer Services Offered: • Processing • Software

Products • Professional Services

**Software Systems Inc.**

1570 North Main

Spanish Fork, UT 84660

(801) 798-9851

Steven Hutchings, President

Private

Total Sales FYE 9/83: \$750,000 Est.

Computer Services Offered: • Software Products • Turnkey

Systems

**Software Techniques, Inc.**

5242 Katella Ave, Ste 101

Los Alamitos, CA 90720

(213) 594-9405

Computer Services Offered: • Software Products •

Professional Services

**Software Works Inc.**

Box 4386

Mountain View, CA 94040

(408) 736-9438

Richard Milewski, President

Private

**Softworks, Inc.**

8023 Malcolm Rd.

Clinton, MD 20735

(301) 868-4221

Private

**Solar Data Services Ltd.**

100 East Dr.

Bramalea, ON L6T1B

(406) 791-1786

Gordon Halbot, President

**Solid Software Inc.**

7 Piedmont Center, Ste 700

Atlanta, GA 30305

(404) 952-7709

Jim Reeves, Vice President

Computer Services Offered: • Software Products

**Solosystems Inc.**

3025 Orchard Parkway

San Jose, CA 95134

(408) 945-1700

Mitchell Goode, President

Private

Total Sales FYE 9/84: \$1,000,000 Est.

Computer Services Offered: • Turnkey Systems

**Solution Systems, Inc.**

114 Forrest Avenue

Narberth, PA 19072

(215) 668-4620

Neil L. Kleeman, President

Private

Computer Services Offered: • Processing • Software

Products • Professional Services

**Sophisticated Data Research, Inc.**

2251 Perimeter Pk Dr, Ste 3

Atlanta, GA 30341

(404) 541-5100

Spencer B. Roane, President

Private

Total Sales FYE 12/82: \$2,000,000

Computer Services Offered: • Processing • Professional

Services • Turnkey Systems

**Sorcim/IUS**

See: Computer Associates International, Inc.

**Sorites, Inc.**

8136 Old Keene Mill Road P.O. Box 2939

Springfield, VA 22152

(202) 569-1400

John Sneed, President

Private

Total Sales FYE 7/83: \$700,000 Est.

Computer Services Offered: • Software Products •

Professional Services

**SOTA Computer Systems**

11 Grace Avenue PO Box 99

Great Neck, NY 11022

(516) 487-6556

Mel Lintz, President

Total Sales FYE 7/81: \$500,000 Est.

Computer Services Offered: • Software Products •

Professional Services

## Directory of Computer Services Companies

**Source Data Systems, Inc.**

208 Second Ave. S.E.  
Cedar Rapids, IA 52406  
(319) 366-7361  
Robert Barnett, President  
Private

**Source Data, Inc.**

500 E. Morehead Street, PO Box 36213  
Charlotte, NC 28236  
(704) 372-8094  
Dennis A. McClain, President  
Private  
Total Sales FYE 12/82: \$500,000  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Source Telecomputing Corporation**

*See: Reader's Digest Association*

**Source-2**

3920 Freedom Circle  
Santa Clara, CA 95050  
(408) 727-2200  
Robert Solomon, President  
Private  
Total Sales FYE 7/83: \$5,100,000 Est.  
*Computer Services Offered:* • Processing

**South Hills Computer Center Inc.**

P.O. Box 10902  
Pittsburgh, PA 15236  
(412) 664-8200  
Private  
Total Sales FYE 7/81: \$2,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Turnkey Systems

**Southern Computer Systems, Inc.**

586 Shades Crest Road  
Birmingham, AL 35226  
(205) 933-1659  
Stephen M. Freeman, President  
Private  
Total Sales FYE 7/81: \$250,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Southern Computing Services, Inc.**

15805 Southwest 101 Ave.  
Miami, FL 33157  
(305) 253-5005  
Robert Sherin, President  
Total Sales FYE 9/82: \$125,000 Est.

**Southern Progress Co.****SUBSIDIARIES:****AKRA Data Corporation**

500 Office Park Drive  
Birmingham, AL 35223  
(205) 877-6000  
Jerry Hutchinson, President  
Private  
Cptr. Svcs. Revs. FYE 12/83: \$7,000,000 Est.  
*Computer Services Offered:* • Processing

**Southwest Data Center**

*See: Citicorp*

**Southwest Modular Systems, Inc.**

731 Lingo, Suite 103  
Richardson, TX 75080  
(214) 690-6720  
Mike Cunningham, President  
Private  
Total Sales FYE 2/81: \$1,500,000  
*Computer Services Offered:* • Turnkey Systems

**Southwest Software Services Inc**

*See: Custom Engineering Services*

**Southwestern Computer Services**

614 Don Gespar PO Box 2710  
Sante Fe, NM 87501  
(505) 983-8700  
Donald Fry, President  
Private

**Southwestern Computing Service**

1631 South Boston  
Tulsa, OK 74119  
(918) 587-3321  
Thomas J. Bevan, President  
Private

**Space Age Computation Systems**

PO Box 12823  
Pittsburgh, PA 15241  
(412) 469-0402  
Larry Hugh Brown, Owner  
Private  
*Computer Services Offered:* • Professional Services

**Space Age Computers Inc.**

*Merged with: Compucare Inc.*

**SPAN Management Systems**

*See: Filchris Corporation*

**Spartacus Computers, Inc.**

5 Oak Park Drive  
Bedford, MA 01730  
(617) 275-4220  
James D. Atkins, President  
Private  
Total Sales FYE 6/84: \$5,000,000 Est.  
Cptr. Svcs. Revs. FYE 6/84: \$3,000,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Specialized Computer Services Inc.**

5625 O Street, #3  
Lincoln, NE 68510  
(402) 489-8845  
Wayne C. Walkenhorst, President  
Private

## Directory of Computer Services Companies

### Specialized Computer Services Inc.

P.O. Box 4645  
Portland, OR 97208  
(503) 248-0144  
Don R. Lindsay, President  
Private

### Specialty Computer Services Inc.

112 So. Second Ave P.O. Box 617  
Marshalltown, IA 50158  
(515) 752-6550  
James D. Lewis, President  
Private  
Total Sales FYE 6/82: \$700,000  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

### Spectrogram Corporation

385 State Street  
North Haven, CT 06473  
(203) 281-0121  
Herbert R. Gram, President  
Private  
Total Sales FYE 12/84: \$1,500,000 Est.  
Cptr. Svcs. Revs. FYE 12/84: \$1,000,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

### Spectron Corporation

1517 South Harvard  
Tulsa, OK 74114  
(918) 743-6431  
M.C. Josephs, President  
Private  
Total Sales FYE 9/82: \$800,000  
Computer Services Offered: • Processing

### Spectrum International, Inc.

6101 W. Centinela Avenue, Suite 150  
Culver City, CA 90230  
(213) 417-5150  
John D. Toellner, President  
Private  
Total Sales FYE 6/84: \$2,500,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services

### Sperry Corporation

1290 Avenue of the Americas  
New York, NY 10104  
(212) 484-4444  
Gerald G. Probst, Chairman  
Public

#### DIVISIONS:

#### Sperry Corporation Computer Systems

PO Box 508  
Blue Bell, PA 19422  
(215) 542-2900  
G.G. Probst, President  
Public  
Cptr. Svcs. Revs. FYE 3/83: \$223,000,000 Est.  
Computer Services Offered: • Software Products •  
Professional Services • Turnkey Systems

#### Sperry Corporation Computer Systems

See: Sperry Corporation

### Spickler Bookkeeping and Accounting Service

2300 Fifth Avenue  
Rock Island, IL 61201  
(309) 788-5543  
Louis M. Spickler, President  
Private

### Spinnaker Software Corporation

215 First Street  
Cambridge, MA 02142  
(617) 868-4700  
C. David Seuss, President  
Private  
Computer Services Offered: • Software Products

### Spiridellis & Associates, Inc.

Merged Into: CAP Gemini DASD, Inc.

### Spring Rock Consultants, Inc.

175-11 148th Ave  
Jamaica, NY 11434  
(212) 995-4384  
Richard Roller, President  
Computer Services Offered: • Software Products

### Squire, Buresh Associates Inc.

4 East Central, Ste 2029  
Worcester, MA 01613  
(617) 832-6430  
Computer Services Offered: • Software Products

### St. Joseph Bank & Trust Company-Trust Software Div.

See: St. Joseph Bank & Trust Company

### St. Joseph Bank & Trust Company

#### DIVISIONS:

#### St. Joseph Bank & Trust Company-Trust Software Div.

202 S. Michigan Street  
South Bend, IN 46601  
(219) 237-5259  
Richard Rosenthal, President

### St. Joseph Systems

See: Systematics, Inc.

### St. Lawrence National Bank

#### SUBSIDIARIES:

#### Northeastern Computer Service Inc.

6464 Ridings Rd.  
Syracuse, NY 13206  
(315) 463-0200  
Bob Kernon, President  
Public  
Total Sales FYE 12/82: \$725,000  
Computer Services Offered: • Processing

### Standard & Poor's Compustat Services, Inc.

See: McGraw-Hill, Inc.

## Directory of Computer Services Companies

**Standard & Poor's Corporation**

See: McGraw-Hill, Inc.

**Standard Data Corp.**1540 Broadway  
New York, NY 10036  
(212) 586-3100**Standard Systems, Inc.**693 Cochituate Rd.  
Framingham, MA 01701  
(617) 872-2414  
John Haughey, President  
Private**Stanford Engineering Corp.**44800 Industrial Dr  
Fremont, CA 94538  
(415) 657-7555

Computer Services Offered: • Software Products

**Stanley Works**

## DIVISIONS:

**Vidmar, Stanley**11 Grammis Rd  
Allentown, PA 18103  
(215) 797-6600

William Devaney, President

Total Sales FYE 7/81: \$70,000,000 Est.

Cptr. Svcs. Revs. FYE 7/81: \$6,300,000 Est.

Computer Services Offered: • Turnkey Systems

**Star Computer Systems, Inc.**

Name changed to: Star Software

**Star Inc.**1201 Flower St  
Bakersfield, CA 93305  
(805) 324-6041

Computer Services Offered: • Software Products

**Star Software**18051 Crenshaw Blvd., Ste D  
Torrance, CA 90504  
(213) 538-2511

William G Webster, President

Private

Total Sales FYE 7/82: \$675,000 Est.

Computer Services Offered: • Software Products

**Star Value Software**12218 Scribe Dr  
Austin, TX 78759  
(512) 837-5498

Leonard Yates, President

Computer Services Offered: • Software Products

**STAT:TAB**

See: Statistical Tabulating Corporation

**State of the Art Inc.**3183 A Airway Ave  
Costa Mesa, CA 92626  
(714) 850-0111

Charles Milden, President

Private

Computer Services Offered: • Software Products

**State Space Systems Inc.**2091 Business Center Dr, Suite 100  
Irvine, CA 92715  
(714) 752-9454

Allen Cameron, President

Private

Total Sales FYE 2/83: \$600,000

Computer Services Offered: • Software Products

**State Street Boston Corporation**

## SUBSIDIARIES:

**Boston Financial Data Services, Incorporated**2 Heritage Drive  
Quincy, MA 02171  
(617) 328-5000

Manuel Goldberg, President

Computer Services Offered: • Processing

**Station Business Systems**

See: Control Data Corporation

**Statistical Graphics Corp.**P.O. Box 1558  
Princeton, NJ 08540  
(609) 924-9374

Grace P. Polhemus, President

Private

Total Sales FYE 7/82: \$700,000 Est.

Computer Services Offered: • Software Products • Professional Services

**Statistical Tabulating Corporation**2 North Riverside Plaza  
Chicago, IL 60606  
(312) 454-8000

Michael R. Notaro, Chairman and President

Private

Computer Services Offered: • Processing • Professional Services

## DIVISIONS:

**STAT:TAB**2 North Riverside Plaza  
Chicago, IL 60606  
(312) 454-8000

Michael R. Notaro, President

Total Sales FYE 12/83: \$35,000,000

Computer Services Offered: • Processing • Professional Services

## Directory of Computer Services Companies

**Stauffer Development Corp.**

1245 S. Winchester Boulevard, Suite 303  
San Jose, CA 95128  
(408) 985-0422  
Charles Stauffer, President

Private

Total Sales FYE 6/84: \$750,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Sterling Computer Systems, Inc.**

See: Sterling Electronics Corporation

**Sterling Electronics Corporation**

## SUBSIDIARIES:

**Sterling Computer Systems, Inc.**

4211 Southwest Freeway  
Houston, TX 77027  
(713) 623-6770  
Richard Hatch, President

**Sterling Software Marketing**

See: Sterling Software, Inc.

**Sterling Software, Inc.**

370 Campbell Centre  
Dallas, TX 75206  
(214) 987-6464  
Sterling L. Williams, President

Public

Total Sales FYE 9/84: \$18,692,000

*Computer Services Offered:* • Software Products

## SUBSIDIARIES:

**Directions Inc.**

1740 N. Collins Boulevard  
Richardson, TX 75081  
(214) 238-8250

Terry W. Berndt, President

Total Sales FYE 7/82: \$1,600,000

*Computer Services Offered:* • Software Products

**Dylakor**

17418 Chatsworth Street  
Granada Hills, CA 91344  
(213) 366-1781

Carole Morton, President

*Computer Services Offered:* • Software Products

**Empire Computer Software**

207 H Street  
Cheney, WA 99004  
(509) 235-6609

Dave Mathews, President

*Computer Services Offered:* • Software Products

**Software Laboratories, Inc.**

1831 Commerce Center East  
San Bernardino, CA 92408  
(714) 889-0226

Jim Johnson, President

*Computer Services Offered:* • Software Products

**Sterling Software Marketing**

Crocker Bank 1007 7th Street  
Sacramento, CA 95814  
(916) 441-7234

Harris A. Herman, President

Private

*Computer Services Offered:* • Software Products • Professional Services

**Sterling Systems**

*Acquired/Merged:* Planning Research Corporation

**Stockholder Systems, Inc.**

4411 East Jones Bridge Road  
Norcross, GA 30092  
(404) 441-3387

Larry A. Dean, Chairman and President

Public

Total Sales FYE 3/84: \$8,531,318

*Computer Services Offered:* • Software Products

**Stone & Webster Management Consultants Inc.**

PO Box 5406  
Denver, CO 80217  
(303) 770-7700

**Stonehouse & Company**

4100 Spring Valley, Suite 400  
Dallas, TX 75234  
(214) 960-1566

Marshall Roberts, President

Private

Total Sales FYE 12/83: \$600,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Stoner Associates, Inc.**

P.O. Box 86  
Carlisle, PA 17013  
(717) 243-9212

Michael Stoner, President

Private

**Storage Technology Corporation**

## SUBSIDIARIES:

**STC Systems, Inc.**

4 North St  
Waldwick, NJ 07463  
(201) 445-5050

Frank Biamonte, General Manager

*Computer Services Offered:* • Turnkey Systems

**Ultimacc Business Systems**

4 North St  
Waldwick, NJ 07463  
(201) 445-5050

George Palmonis, President

*Computer Services Offered:* • Turnkey Systems

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Global Software**  
 1009 Spring Forest Rd  
 Raleigh, NC 27609  
 (919) 872-7800  
 Ronald Kupferman, President  
*computer*  
 Computer Services Offered: • Software Products • Turnkey Systems

**Strata Search Processing Co., Inc.**

211 S Cheyenne PO Box 3689  
 Tulsa, OK 74101  
 (918)584-5505  
 Jerry James, President  
 Computer Services Offered: • Processing

**Strategic Information**

See: Ziff-Davis Publishing Company

**Strategic Planning Associates**

955 Massachusetts Ave.  
 Cambridge, MA 02139  
 (617)491-9200  
 Private

**Strategic System Solutions, Inc.**

3221 West Big Beaver, Suite 106  
 Troy, MI 48084  
 (313) 649-4433  
 Steven Goodhall, President  
 Private  
 Total Sales FYE 12/83: \$500,000 Est.  
 Computer Services Offered: • Professional Services

**Stratmar Systems, Inc.**

385 Madison Ave  
 New York, NY 10017  
 (212)838-1155

**Structural Members Users Group**

University Station, P.O. Box 3958  
 Charlottesville, VA 22903  
 (804) 296-4906  
 Walter D. Pilkey, Director  
 Total Sales FYE 12/83: \$1,000,000 Est.  
 Computer Services Offered: • Software Products

**Structural Programming Inc.**

See: Mitchell Systems Inc.

**Structured Methods, Inc.**

7 West 18th Street  
 New York, NY 10011  
 (212) 741-7720  
 Mark Rosen, President  
 Private  
 Total Sales FYE 11/83: \$1,400,000 Est.  
 Computer Services Offered: • Professional Services

**Structured Systems Group, Inc.**

5208 Claremont Ave.  
 Oakland, CA 94618  
 (415) 547-1567  
 Keith Parsons, President  
 Private  
 Total Sales FYE 12/81: \$2,800,000  
 Computer Services Offered: • Software Products

**Structured Technology Corporation**

See: Analysis and Technology, Inc.

**Sullins & Associates**

8303 Southwest Freeway  
 Houston, TX 77004  
 (713) 988-1900  
 George Sullins, President  
 Private

**Summagraphics Corporation**

777 State Street Extension  
 Fairfield, CT 06430  
 (203) 384-1344  
 William Lifka, President  
 Private  
 Total Sales FYE 5/84: \$25,000,000 Est.  
 Cptr. Svcs. Revs. FYE 5/84: \$5,000,000 Est.  
 Computer Services Offered: • Turnkey Systems

**Sun Country Financial Corporation**

See: Valley National Corporation

**Sun Information Services**

Name Changed To: SunData Corporation

**Sunbelt Computer Services**

9202 B Markville Dr  
 Dallas, TX 75243  
 (214)690-3114  
 Private

**SunData Corporation**

Glenhardie Corporate Center, 1285 Drummers Lane  
 Wayne, PA 19087  
 (215) 341-8700  
 John M. Ryan, Chairman and CEO  
 Private  
 Total Sales FYE 12/84: \$46,000,000  
 Computer Services Offered: • Processing • Software Products

## SUBSIDIARIES:

**AFS SunData**

951 Mariners Island Boulevard  
 San Mateo, CA 94404  
 (415) 574-4940  
 Richard E. Lucas, Chairman  
 Computer Services Offered: • Processing • Software Products • Professional Services

**Catalactics SunData (CATCO)**

11 Salt Creek Lane  
 Hinsdale, IL 60521  
 (312) 920-3100  
 Philip Dowd, President  
 Computer Services Offered: • Processing • Software Products

**NMF SunData**

4822 Albemarle Road  
 Charlotte, NC 28205  
 (704) 568-5180  
 Kenneth R. Adams, President

## Directory of Computer Services Companies

**SIS SunData**

1285 Drummers Lane  
Wayne, PA 19087  
(215) 341-8700  
James L. Mann, C.O.O.

*Computer Services Offered:* • Processing • Software Products

**Sungard SunData**

1285 Drummers Lane  
Wayne, PA 19087  
(215) 341-8700  
Robert J. Bogle, President

**Sungard SunData**

*See:* SunData Corporation

**Suntel Systems Corporation**

4203 Earth City Expressway, Suite 155  
Earth City, MO 63045  
(314) 291-2728  
Tom Murphy, President

Private

Total Sales FYE 9/84: \$1,500,000 Est.

*Computer Services Offered:* • Turnkey Systems

**Superdata, Inc.**

144 N. San Gabriel Boulevard  
San Gabriel, CA 91775  
(213) 283-8433  
Bernard Shamrock, President

Private

Total Sales FYE 7/84: \$538,000

Cptr. Svcs. Revs. FYE 7/84: \$450,000 Est.

*Computer Services Offered:* • Processing

**Superior Software**

111 W. Second Street  
Jamestown, NY 14701  
(716) 664-3843

**Superset, Inc.**

11035 Roselle Street  
San Diego, CA 92121  
(619) 452-8665  
Ian Hirschsohn, President

Private

Total Sales FYE 11/84: \$2,000,000 Est.

*Computer Services Offered:* • Software Products • Turnkey

Systems

**SuperSoft Associates**

PO Box 1628  
Champaign, IL 61820  
(217) 359-2112

Total Sales FYE 7/82: \$1,500,000 Est.

*Computer Services Offered:* • Software Products

**Survey Tabulation Services Inc.**

1218 Massachusetts Ave.  
Cambridge, MA 02138  
(617) 547-6475

Leonard Spar, President

Private

Total Sales FYE 10/83: \$300,000 Est.

*Computer Services Offered:* • Processing

**Sutro & Co. Inc.**

201 California Street  
San Francisco, CA 94111  
(415) 445-8521

## SUBSIDIARIES:

**Computer Systems Design, Inc.**

425 Battery Street  
San Francisco, CA 94111  
(415) 445-8600

John Crooks, President

Total Sales FYE 12/83: \$3,000,000 Est.

*Computer Services Offered:* • Processing • Software

Products • Professional Services

## SUBSIDIARIES:

**Genesys International**

425 Battery St.  
San Francisco, CA 94104  
(415) 445-8600

Kim Jones, President

**Sweetbriar Information Systems**

4620 Ironton  
Denver, CO 80239  
(303) 373-4510

T. Crawford Love, President

Private

**Swiss Colony Cheese Corp.**

## DIVISIONS:

**Swiss Colony Data Center, Inc.**

1112 7th Avenue  
Monroe, WI 53566  
(608) 328-8600

James Bybee, Vice President

Private

**Swiss Colony Data Center, Inc.**

*See:* Swiss Colony Cheese Corp.

**Sydney Development Corporation**

1385 West 8th Avenue  
Vancouver, B.C. V6 H 3V9  
(604) 734-8822

T. M. Williams, President

Public

Total Sales FYE 3/84: \$14,208,033

Cptr. Svcs. Revs. FYE 3/84: \$11,985,000

*Computer Services Offered:* • Software Products •

Professional Services

**Symbolic Financial Systems Corporation**

*See:* Lomas & Nettleton Financial Corporation



## Directory of Computer Services Companies

**Symbolics**

Cambridge Center, 4th floor  
Cambridge, MA 02142  
(617) 576-1043  
Russell Nofsker, President  
Private  
Total Sales FYE 6/83: \$10,500,000 Est.  
Computer Services Offered: • Turnkey Systems

**Syncsort Inc.**

560 Sylvan Avenue  
Englewood Cliffs, NJ 07632  
(201) 568-9700  
Aso Tavitian, President  
Private  
Total Sales FYE 12/82: \$17,500,000 Est.  
Computer Services Offered: • Software Products

**Synectics Corporation**

10400 Eaton Place Suite 200  
Fairfax, VA 22030  
(703) 385-0190  
James W. Altman, PH.D., President  
Private

**Synercom Technology, Inc.**

10405 Corporate Drive  
Sugarland, TX 77478  
(713) 240-5000  
Thomas E. Moore, President  
Private  
Total Sales FYE 10/83: \$9,500,000 Est.  
Computer Services Offered: • Software Products • Turnkey Systems

**Synergos, Inc.**

3333 Eastside, Ste. 210  
Houston, TX 77098  
(713) 528-3885  
Michael S. Bodner, President  
Computer Services Offered: • Turnkey Systems

**Synergy Systems, Inc.**

One Penn Plaza, Suite 2106  
New York, NY 10119  
(212) 947-0860  
Robert Catalano, President  
Private  
Computer Services Offered: • Turnkey Systems

**Syntel**

124 Marquette Ave  
South Bend, IN 46617  
(219) 234-8779  
Computer Services Offered: • Software Products

**Syntelligence**

1000 Hamlin Court, P.O. Box 3620  
Sunnyvale, CA 94088  
(408) 745-6666  
Sheldon Breiner, President  
Private  
Total Sales FYE 7/84: \$2,000,000 Est.  
Computer Services Offered: • Software Products

**Sysco Inc.**

Acquired/Merged: Cogito Data Systems, Inc.

**Syscom, Inc.**

10300 Sunset Dr, Ste 250  
Miami, FL 33173  
(305) 279-2253  
John Henderson, President  
Private  
Total Sales FYE 7/82: \$800,000 Est.  
Computer Services Offered: • Software Products

**SYSCON Corporation**

1000 Thomas Jefferson Street, N.W.  
Washington, DC 20007  
(202) 342-4000  
J.J. Yglesias, President  
Public  
Total Sales FYE 11/83: \$87,015,000  
Cptr. Svcs. Revs. FYE 11/83: \$61,000,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**SYSGEN, Inc.**

3001 Academy Drive, Suite 110  
Durham, NC 27707  
(919) 489-2353  
J. F. Jennings, President  
Public  
Total Sales FYE 12/84: \$1,500,000  
Computer Services Offered: • Software Products

**Sysorex International Inc.**

10590 N. Tantau Ave.  
Cupertino, CA 95014  
(408) 996-9363  
Abdus Salam Qureshi, Chairman and President  
Private

**Systar Corporation**

1762 Technology Drive Suite 208  
San Jose, CA 95110  
(408) 280-7066  
David Retz, President  
Private

**Systech Inc.**

See: Technology Management Systems International

**System****System Automation Corporation**

8555 16th Street  
Silver Spring, MD 20910  
(301) 565-9400  
Alfred Rubin, President  
Private  
Total Sales FYE 10/84: \$8,000,000 Est.  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**System Communication Corp.**

1721 Pech St  
Houston, TX 77055  
(713) 468-9411  
H H West, President  
Private  
Total Sales FYE 4/82: \$640,000  
Computer Services Offered: • Processing

**System Development Corporation**

See: Burroughs Corporation

## Directory of Computer Services Companies

**System Integration Associates**

81 Lancaster Ave L-13, Green Valley Center  
Malvern, PA 19355  
(215)296-7420

*Computer Services Offered:* • Turnkey Systems

**System Support Software, Inc.**

5230 Springboro Pike  
Dayton, OH 45305  
(513) 435-9514  
Thomas F. Kirby, President

Private

Total Sales FYE 12/83: \$1,500,000 Est.

*Computer Services Offered:* • Software Products

**System's Technology Automated Resources**

1201 Flower Street  
Bakersfield, CA 93305  
(805) 324-6041

David C. Rogers, President

Total Sales FYE 9/84: \$750,000 Est.

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Systematics, Inc.**

4001 Rodney Parham Rd  
Little Rock, AR 72212  
(501) 223-5100

Walter V. Smiley, CEO

Public

Total Sales FYE 5/84: \$78,712,000

*Computer Services Offered:* • Processing • Software Products

## SUBSIDIARIES:

**St. Joseph Systems**

PO Box 6488  
South Bend, IN 46660  
(219)256-5548

John C. Schuster, President

*Computer Services Offered:* • Processing • Software Products

**Systemation, Inc.**

Two Commerce Park Square 23200 Chagrin Blvd.  
Cleveland, OH 44122  
(216) 464-8616

William C. Stilson, President

Private

Total Sales FYE 1/81: \$4,700,000

*Computer Services Offered:* • Software Products • Professional Services

**Systemhouse Ltd.**

99 Bank St., 3rd Fl.  
Ottawa, ON K1P6B8  
(613) 236-9734

R. M. Bryden, President

Public

Total Sales FYE 8/83: \$39,680,000

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Systemhouse, Inc.**

9900 Main Street, Ste. 401  
Fairfax, VA 22031  
(703) 385-0970

John Davies, President

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Systemhouse, Inc.**

*See:* Systemhouse Ltd.

**Systemix**

*See:* Xerox Corporation

**System Of Florida, Inc.**

*See:* IMS Systems Corporation

**System Of New Jersey, Inc.**

*See:* IMS Systems Corporation

**System Of Texas, Inc.**

*See:* IMS Systems Corporation

**System, Inc.**

*See:* IMS Systems Corporation

**Systems & Computer Technology Corporation**

Four Country View Road  
Malvern, PA 19355  
(215) 647-5930

Frederick A. Gross, President

Public

Total Sales FYE 9/83: \$43,792,000

Cptr. Svcs. Revs. FYE 9/83: \$40,862,000

*Computer Services Offered:* • Software Products • Professional Services

**Systems & Information Dynamics, Inc.**

332 Haddon Avenue  
Westmont, NJ 08108  
(609) 858-3700

Peter D.M. Stoveld, President

Private

Total Sales FYE 12/83: \$735,000

*Computer Services Offered:* • Software Products • Professional Services

**Systems & Software, Inc.**

R.D.2, Box 51A  
Williston, VT 05495  
(802) 863-5569

William H. Willey, President

Private

**Systems and Applied Sciences Corporation**

1577 Springhill Road Suite 600  
Vienna, VA 22180  
(703) 790-3700

Porter L. Bankhead, President

Private

Total Sales FYE 6/82: \$36,667,000

Cptr. Svcs. Revs. FYE 6/82: \$32,967,000

*Computer Services Offered:* • Professional Services

## Directory of Computer Services Companies

**Systems and Programming International Inc.**

177 North Dean Street  
Englewood, NJ 07631  
(201) 567-3125  
Dimitri Cotomatas, President  
Private

## SUBSIDIARIES:

**Radio Computing Services Inc.**

177 North Dean Street  
Englewood, NJ 07631  
(201) 567-3125  
Andrew Economos, President

**Systems and Programming Resources Inc.**

1100 Jorie Boulevard, Suite 600  
Oakbrook, IL 60521  
(312) 654-4188  
Robert R. Payne, President  
Private  
Total Sales FYE 9/83: \$10,000,000 Est.  
Computer Services Offered: • Professional Services

**Systems Architects, Inc.**

Thomas Patten Drive  
Randolph, MA 02368  
(617) 961-2700  
George S. Pan, President  
Private  
Total Sales FYE 2/84: \$18,000,000 Est.  
Cptr. Svcs. Revs. FYE 2/84: \$10,800,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services

**Systems Associates Inc. (SAI)**

412 East Boulevard, PO Box 36305  
Charlotte, NC 28236  
(704) 333-1276  
John W. Weil, Chairman and President  
Public  
Total Sales FYE 1/84: \$20,049,000  
Computer Services Offered: • Turnkey Systems

**Systems Center, Inc., The**

1320 Greenway Dr.  
Irving, TX 75062  
(214) 659-9318  
C. Mac Lewis, President  
Private  
Total Sales FYE 6/83: \$1,500,000  
Computer Services Offered: • Software Products

**Systems Control, Inc.**

See: British Petroleum

**Systems Coordination Inc.**

109 S E Highway 19 Suncoast Plaza  
Crystal River, FL 32629  
(904) 795-6596  
John Beresford, President  
Private  
Total Sales FYE 12/81: \$6,000,000 Est.  
Computer Services Offered: • Software Products

**Systems Data Inc.**

2830 Copley Rd. P.O. Box 4297  
Akron, OH 44321  
(216) 666-0085  
William B. Frantz, President  
Private  
Total Sales FYE 6/81: \$510,000  
Computer Services Offered: • Turnkey Systems

**Systems Data Processing Corporation**

9342 Tech Center Drive  
Sacramento, CA 95826  
(916) 364-7372  
R.W. Johnson, President  
Private  
Total Sales FYE 12/83: \$1,500,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Turnkey Systems

## SUBSIDIARIES:

**Systems Data Processing Corporation San Jose**

1150 Coleman Ave  
San Jose, CA 95110  
(408) 727-3000  
William D. Brereton, President  
Computer Services Offered: • Processing • Software  
Products • Turnkey Systems

**Systems Data Processing Corporation San Jose**

See: Systems Data Processing Corporation

**Systems Design & Development Corporation**

2355 Canyon Blvd.  
Boulder, CO 80302  
(303) 449-3634  
A. Kolwicz, President  
Private  
Total Sales FYE 12/81: \$1,100,000  
Computer Services Offered: • Software Products

**Systems Designs**

1441 Park Ave  
Cranston, RI 02920  
(401) 943-5820  
Edward Poyer, Owner  
Computer Services Offered: • Software Products

**Systems Engineering Computer Co.**

See: Continental Financial Services

**Systems Groups Associates, Inc.**

PO Box 2728  
Hyattsville, MD 20784  
(202) 347-2632  
Computer Services Offered: • Processing • Professional  
Services

**Systems Guild Inc.**

91 North State Rd.  
Briarcliff Manor, NY 10510  
(914) 762-4040

## Directory of Computer Services Companies

**Systems Integration, Inc.**

158 Linwood Plaza  
Fort Lee, NJ 07024  
(201) 592-7500  
Paul Guinzburg, President  
Private

**Systems Interchange Corp.**

660 N. Tamiami Trail Suite 21  
Naples, FL 33940  
(813) 262-2683

**Systems Management American Corp.**

1745 Jefferson Davis Hwy Suite 1010  
Arlington, VA 22202  
(202) 920-5303

*Computer Services Offered:* • Processing • Professional Services

**Systems Management Inc.**

6300 North River Road  
Rosemont, IL 60018  
(312) 698-4000  
George M. Ridgway, President  
Private

Total Sales FYE 6/83: \$9,451,000

Cptr. Svcs. Revs. FYE 6/83: \$8,000,000 Est.

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Systems Network Inc.**

3030 South 9th Street  
Kalamazoo, MI 49009  
(616) 375-5757  
David H. Crenshaw, President  
*Computer Services Offered:* • Software Products

**Systems Northwest, Inc.**

114 S. Franklin St.  
Juneau, AK 99801  
(907) 586-6140  
Steven Boley, President  
Private

**Systems Planning Corporation**

P.O. Box 7508  
Dallas, TX 75209  
(214) 368-3348  
John Cunningham, President

**Systems Plus Inc.**

1120 San Antonio Road  
Palo Alto, CA 94303  
(415) 969-7047  
Richard Mehrlich, President  
Private

Total Sales FYE 1/84: \$5,000,000 Est.

*Computer Services Offered:* • Software Products

**Systems Products International, Inc.**

700 W. Hillsboro Boulevard, Bldg. 4, Suite 201  
Deerfield Beach, FL 33441  
(305) 429-0220  
Carl C. Lange, President  
Private

Total Sales FYE 5/84: \$1,500,000 Est.

*Computer Services Offered:* • Turnkey Systems

**Systems Research Incorporated**

*Acquired/Merged: Burroughs Corporation*

**Systems Software International Inc. (SSI)**

P.O. Box 160487  
Miami, FL 33116  
(305) 596-5458  
Robert Barbara, President  
Private

**Systems Specialists, The**

P.O. Box 493  
Madisonville, KY 42431  
(502) 825-3400  
K. Wayne Foster, President  
Private

Total Sales FYE 7/82: \$400,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Systems Strategies, Inc.**

225 West 34th Street  
New York, NY 10001  
(212) 279-8400  
Stan Adelman, President  
Private

Total Sales FYE 5/84: \$10,600,000

*Computer Services Offered:* • Software Products • Professional Services

## SUBSIDIARIES:

**Portable Software Inc.**

225 West 34th Street  
New York, NY 10001  
(212) 279-8400  
F. Silver, President

*Computer Services Offered:* • Software Products

**Systems Technology Services, Ltd.**

## SUBSIDIARIES:

**S.T.S. Systems, Inc.**

2 Handmark Square  
Stamford, CT 06901  
(203) 348-8055  
David A. Mitchell, President

**Systems/Software Engineering**

304 Harper Dr.  
Moorestown, NJ 08057  
(609) 788-0722

*Computer Services Offered:* • Software Products

**Systonetics, Inc.**

801 E. Chapman Avenue  
Fullerton, CA 92631  
(714) 680-0910  
Richard I. Tanaka, President  
Public

Total Sales FYE 2/84: \$7,740,000

*Computer Services Offered:* • Software Products

## Directory of Computer Services Companies

**Sysran Commercial Corp.**

4126 Linden Ave  
Dayton, OH 45432  
(513)252-5601

*Computer Services Offered:* • Software Products

**Systronics Inc.**

381 Park Ave. South  
New York, NY 10016  
(212) 689-8726  
Irwin Bodek, President  
Private

**Sytech Corporation**

7100 Harwin Drive  
Houston, TX 77036  
(713) 783-9540  
Clyde Lee, Chairman

Private

Total Sales FYE 12/83: \$1,500,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**T & B Computing Inc.**

See: Townsend and Bottom, Inc.

**T C S Software**

5582 Peachtree, Ste 207  
Atlanta, GA 30362  
(404) 455-6162  
Richard Stafford, President  
Private

**T Systems**

See: C.H. Robinson Company

**T.C.S., Inc. (Transportation Concepts And Services)**

20 Highland Avenue  
Metuchen, NJ 08840  
(201) 548-1200  
Lester A. Probst, President  
Public

Total Sales FYE 12/84: \$450,000

*Computer Services Offered:* • Processing • Software Products

**T.S.R. Consulting Services, Inc.**

See: TSR, Inc.

**TASC**

12 Jacob Way  
Reading, MA 01867  
(617) 944-6850

**TCP Data Processing Services**

21-23 Terhune Avenue  
Lodi, NJ 07644  
(201) 778-1881  
Thomas Callamori, President  
Private

**TCS**

2923 Hempstead Turnpike  
Levittown, NY 11756  
(212)343-1315

**TCS Software Inc.**

6100 Hillcraft, Suite 600  
Houston, TX 77081  
(713) 771-6000

Richard Stafford, president

Private

Total Sales FYE 7/84: \$6,750,000 Est.

*Computer Services Offered:* • Software Products

**TEC**

30 Tower Road  
Newton, MA 92164  
(617) 964-3890  
S.A. Levine, President

Private

Total Sales FYE 12/82: \$4,000,000 Est.

*Computer Services Offered:* • Software Products • Turnkey Systems

**TKS Corporation**

8510 N.W. 56th Street  
Miami, FL 33166  
(305) 593-0010

Andrew K. Bird, President

Private

Total Sales FYE 12/83: \$1,000,000

*Computer Services Offered:* • Turnkey Systems

**TLS Company**

810 First Avenue NE P. O. Box 1686  
Cedar Rapids, IA 52406  
(319) 365-5211  
Von L. Elbert, President

Private

Total Sales FYE 6/83: \$13,500,000

*Computer Services Offered:* • Processing

**TMI Systems Corporation**

See: SEI Corporation

**TOM Software (The Office Manager, Inc.)**

127 S.W. 156th Street, P.O. Box 66596  
Seattle, WA 98166  
(206) 246-7022

Howard M. Bing, President

Private

Total Sales FYE 10/83: \$6,000,000 Est.

*Computer Services Offered:* • Software Products • Turnkey Systems

**TRW Inc.**

23555 Euclid Avenue  
Cleveland, OH 44117  
(216) 383-2121

Ruben F. Mettler, Chairman and CEO

Public

**DIVISIONS:****TRW Information Services**

505 City Parkway West Suite 920  
Orange, CA 92668  
(714) 937-2640

Edward J. Brennan, Vice President/General Manager

Public

Total Sales FYE 12/83: \$100,000,000 Est.

Cptr. Svcs. Revs. FYE 12/83: \$90,000,000 Est.

*Computer Services Offered:* • Processing

## Directory of Computer Services Companies

## SUBSIDIARIES:

**TRW Property Data Services**

16134 Hart Street

Van Nuys, CA 91406

(213) 988-1830

Stanton Wong, President

*Computer Services Offered:* • Processing**TRW Information Services***See:* TRW Inc.**TRW Property Data Services***See:* TRW Inc.**TSC***See:* Houghton Mifflin Company**TSI International Ltd.***See:* Dun and Bradstreet**TSR, Inc.**

400 Oser Avenue

Hauppauge, NY 11788

(516) 231-0333

Joseph F. Hughes, President

Public

Total Sales FYE 5/84: \$16,558,000

*Computer Services Offered:* • Processing • Professional Services

## SUBSIDIARIES:

**Bowne Information Systems, Inc.**

777 Northern Boulevard

Great Neck, NY 10021

(516) 487-0101

William B. Mahony, President

*Computer Services Offered:* • Processing**CDP Marketing Information Corporation**

400 Oser Avenue

Hauppauge, NY 11788

(516) 435-1155

*Computer Services Offered:* • Processing**T.S.R. Consulting Services, Inc.**

655 Third Avenue

New York, NY 10017

(212) 986-4600

*Computer Services Offered:* • Professional Services**Tad Data Systems Inc.**

6400 E. Washington Blvd.

Los Angeles, CA 90040

(213) 724-6922

T. MacDonald, President

Private

**Tabershaw Occupational Medicine Association***See:* Control Data Corporation**Tabs Inc.**

10620 Rockley Rd., Ste. 500

Houston, TX 77099

(713) 498-1616

Roger L. Hackman, President

Private

**Tace Resources, Inc.**

## SUBSIDIARIES:

**B-H Computer Systems Inc.**

14 South Belmont Street

York, PA 17045

(717) 843-0926

B. Leiphant, President

Private

**Tag Inc.**

495 Central Park Ave

Scarsdale, NY 10583

(914) 723-0800

Jerry Kaplan, President

Total Sales FYE 7/81: \$250,000 Est.

*Computer Services Offered:* • Software Products • Professional Services**Tagg Associates**

2909 Wilson Blvd.

Arlington, VA 22201

(703) 524-8049

George White, President

**Tailored Data, Inc.**

4940 Viking Dr Suite 558

Minneapolis, MN 55435

(612) 831-1260

David W Metzger, President

Private

Total Sales FYE 1/83: \$750,000

*Computer Services Offered:* • Software Products**Tandem Computers Incorporated**

19333 Vallico Parkway

Cupertino, CA 95014

(408) 725-6000

James G. Treybig, President and CEO

Public

Total Sales FYE 9/83: \$418,282,000

Cptr. Svcs. Revs. FYE 9/83: \$40,000,000 Est.

*Computer Services Offered:* • Software Products • Professional Services**Tandy Corporation**

1800 One Tandy Center

Fort Worth, TX 76102

(817) 390-3700

John Roach, Chairman and President

Public

Total Sales FYE 6/84: \$2,784,479,000

Cptr. Svcs. Revs. FYE 6/84: \$70,000,000 Est.

*Computer Services Offered:* • Software Products**Tap Incorporated**

400 Totten Pond Rd.

Waltham, MA 02154

(617) 890-4444

**Target Software, Inc.***See:* Comshare, Inc.

## Directory of Computer Services Companies

**Taurus Software**

870 Market St., Ste 815  
San Francisco, CA 94102  
(800)358-9999

*Computer Services Offered:* • Software Products

**TaxLogic**

P.O. Box 1420  
Richardson, TX 75080  
(214)238-9545  
Private

**Taxx, Inc.**

3715 Division St.  
Metairie, LA 70002  
(504)455-4481

**Tech Products, Inc.**

7700 Leesburg Pike  
Falls Church, VA 22043  
(703)448-9025

*Computer Services Offered:* • Software Products

**Techdyn Systems Corp.**

205 S Whiting St., Ste 400  
Alexandria, VA 22304  
(703)751-3373

Leo Morrison, President

*Computer Services Offered:* • Professional Services

**Technalysis Corporation**

6700 France Avenue South  
Minneapolis, MN 55435  
(612) 925-5900

Victor A. Rocchio, President

Public  
Total Sales FYE 12/83: \$8,281,781

*Computer Services Offered:* • Software Products • Professional Services

**Technical Advisors Inc.**

4455 Fletcher Street  
Wayne, MI 48184  
(313) 722-5010

Edwin W. Miller, President

Private

**Technical Analysis Corporation (TAC)**

120 West Wieuca Road NE  
Atlanta, GA 30342  
(404) 252-1045

W. W. Graham, III, President

Private

Total Sales FYE 2/83: \$4,500,000

*Computer Services Offered:* • Software Products • Turnkey Systems

**Technical Consultants, Inc.**

28215 Boulder Circle  
Excelstor, MN 55331  
(612) 935-4236

**Technical Economics Inc.**

P.O. Box 7261  
Berkeley, CA 94707  
(415) 525-7774

Vera Kahn, President

Private

**Technical Support Associates Inc.**

1280 Morena Blvd.  
San Diego, CA 92110  
(714)276-3780

Ken Brass, President

Private

Total Sales FYE 7/81: \$825,000 Est.

*Computer Services Offered:* • Software Products

**Technical Systems Consultants Inc. (TSC)**

111 Providence Road  
Chapel Hill, NC 27514  
(919)493-1451

David Shirk, President

Private

*Computer Services Offered:* • Software Products • Professional Services

**Technicon Data Systems Corporation**

See: Revlon Inc.

**Technology And Information, Products**

12 New England Executive Park  
Burlington, MA 01803  
(617) 273-5818

Herbert Jacobsohn, President

Private

*Computer Services Offered:* • Software Products • Professional Services

**Technology Development of California**

3990 Freedom Circle  
Santa Clara, CA 95054  
(408) 988-3030

Frank Green, President

Private

Total Sales FYE 12/82: \$19,100,000

*Computer Services Offered:* • Processing • Professional Services

**Technology Enterprises Inc.**

P.O. Box 218  
Carmel Valley, CA 93924  
(408) 659-2251

**Technology Industries**

1900 Wyatt Dr., Ste 2  
Santa Clara, CA 95054  
(408)988-1697

John Peers, President

Private

*Computer Services Offered:* • Software Products

**Technology Management Systems International****SUBSIDIARIES:****Data Systems for Industry**

3942 Cerritos  
Los Alamitos, CA 90720  
(213)493-4541

Donald G. Whipple, President

Private

*Computer Services Offered:* • Software Products • Turnkey Systems



## Directory of Computer Services Companies

## SUBSIDIARIES:

**On-Line Design Inc.**

700 E. Maple Rd Suite 300  
Birmingham, MI 48011  
(313) 540-0040  
Jerry Wysocki, President

**Systech Inc.**

6150 Joliet Rd.  
Countryside, IL 60525  
(312) 352-0365  
David Ickow, President

Private  
Computer Services Offered: • Processing • Software Products

**Tekkon Computer Services**

100 Jericho Quadrangle Suite 316  
Jericho, NY 11753  
(516) 822-8300  
Charles J Wang, President

Private  
Total Sales FYE 8/82: \$1,200,000  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Teknekron Financial Systems**

See: Teknekron Industries

**Teknekron Industries**

## SUBSIDIARIES:

**ROI Consulting Inc.**

2118 Milvia  
Berkeley, CA 94704  
(415) 548-8572  
Emmett Burns, President

Private  
Total Sales FYE 3/83: \$4,000,000 Est.  
Computer Services Offered: • Professional Services

## DIVISIONS:

**Teknekron Financial Systems**

2118 Milvia Street  
Berkeley, CA 94704  
(415) 548-8572  
Emmett Burns, President

Private  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**Software Alliance**

2100 Milvia Street  
Berkeley, CA 94704  
(415) 548-7752  
Jon Blankmeyer, President

Private  
Computer Services Offered: • Software Products • Professional Services

**Teknowledge Federal Systems Inc.**

See: Teknowledge, Inc.

**Teknowledge, Inc.**

525 University Avenue, Suite 200  
Palo Alto, CA 94301  
(415) 327-6600  
Lee M. Hecht, President and CEO

Private  
Total Sales FYE 6/84: \$3,000,000  
Computer Services Offered: • Software Products • Professional Services

## SUBSIDIARIES:

**Teknowledge Federal Systems Inc.**

501 Marin Drive, Suite 114  
Thousand Oaks, CA 91360  
(805) 495-8265

Computer Services Offered: • Software Products • Professional Services

**Tektronix Inc.**

P.O. Box 500  
Beaverton, OR 97077

**Tel-A-Data, Inc.**

1500 Northwest 167 Street  
Miami, FL 33169  
(305) 625-8266  
George Niver, President

Private  
Total Sales FYE 6/84: \$500,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services

**Teldata Systems Corporation**

See: Prudential Group

**Tele Informatica**

300 Unicorn Park  
Woburn, MA 01801  
(617) 933-8740

**Tele-Equip**

See: Rot Line, Inc.

**Telecheck Services Inc.**

See: McDonnell Douglas Automation Company

**Telecommunications Management Corp.**

See: Decision Sciences Corporation

**Telecomputer Systems Inc.**

200 New Stine Rd., Suite 135  
Bakersfield, CA 93309  
(805) 834-5611  
Robert J. Garner, President

**Telecomputing Corporation**

Name Changed to: The Source Telecomputing Corporation

**Telecredit, Inc.**

1901 Avenue of the Stars  
Los Angeles, CA 90067  
(213) 277-4061  
Louis P. Buglioli, President

Public  
Total Sales FYE 4/84: \$70,827,000  
Cptr. Svcs. Revs. FYE 4/84: \$67,814,000  
Computer Services Offered: • Processing

## Directory of Computer Services Companies

**Teledata Time Sharing**

See: REAP Inc.

**Teledyne Exploration Company**

5825 Chimney Rock Rd PO Box 36269  
Houston, TX 77036  
(713)666-2561

Computer Services Offered: • Processing

**Telemar Group, Inc.**

90 Park Avenue  
New York, NY 10016  
(212) 949-4640  
Stanley Federman, Chairman  
Private

**Telerate, Inc.**

One World Trade Center  
New York, NY 10048  
(212) 938-5200  
Neil S. Hirsh, President and CEO  
Public

Total Sales FYE 9/83: \$67,058,000  
Computer Services Offered: • Processing

**Telesis Systems Corporation**

21 Alpha Road  
Chelmsford, MA 01824  
(617) 256-2300  
Patrick de Cavaignac, President  
Private

Total Sales FYE 3/84: \$13,600,000  
Computer Services Offered: • Turnkey Systems

**Telesoft**

10639 Roselle St  
San Diego, CA 92121  
(714)457-2700  
Peter Dine, President  
Private

Total Sales FYE 7/82: \$2,900,000  
Computer Services Offered: • Software Products • Turnkey Systems

**Telic Services Corporation**

6100 Executive Boulevard  
Rockville, MD 20852  
(301) 984-9110  
Ronald Haan, President  
Private

Computer Services Offered: • Professional Services

**Telmar Group**

90 Park Avenue  
New York, NY 10016  
(212) 949-4640  
Stanley P. Federman, President  
Private

Total Sales FYE 3/84: \$3,500,000 Est.  
Computer Services Offered: • Processing • Turnkey Systems

**Telos Corporation**

3420 Ocean Park Boulevard  
Santa Monica, CA 90405  
(213) 450-2424  
Lin Conger, President

Private  
Total Sales FYE 3/83: \$28,847,200  
Cptr. Svcs. Revs. FYE 3/83: \$26,840,183  
Computer Services Offered: • Software Products • Professional Services

**Telstat Systems, Inc.**

See: Western Union Corporation

**Tempest Technologies, Inc.**

See: C3, Inc.

**Temple, Barker & Sloane, Inc. (TBS)**

33 Hayden Ave  
Lexington, MA 02173  
(617)861-7580  
Carl S. Sloane, President

Private  
Cptr. Svcs. Revs. FYE 7/83: \$2,000,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Tenny, George W. Co., Inc.**

3721 Scottsville Road  
Scottsville, NY 14546  
(716) 889-1391  
Ron Tenny, President

**TERA Corporation**

2150 Shattuck Avenue  
Berkeley, CA 94704  
(415) 845-5200  
Robert W. Felton, Chairman and CEO  
Public

Total Sales FYE 6/84: \$17,452,000  
Cptr. Svcs. Revs. FYE 6/84: \$9,000,000 Est.  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

**Terminal Applications Group**

495 Central Avenue  
Scarsdale, NY 10583  
(914) 723-0800  
Gerald D. Kaplan, President and CEO

Private  
Computer Services Offered: • Processing • Software Products • Professional Services

**Terrano Corporation**

245 South 84th Street  
Lincoln, NE 68510  
(402) 483-7831  
James A. Terrano, President

Public  
Total Sales FYE 12/83: \$5,100,000  
Computer Services Offered: • Turnkey Systems

**Tesseract Corporation**

P. O. Box 7658, Rincon Annex  
San Francisco, CA 94120  
(415) 543-9320  
Gary Durbin, President

Private  
Total Sales FYE 7/82: \$3,300,000 Est.  
Computer Services Offered: • Processing • Software Products

**Texas Air Corporation**

## Directory of Computer Services Companies

### SUBSIDIARIES:

#### Continental Computer Services, Inc.

One Continental Plaza Airport  
El Segundo, CA 90245  
(213) 646-6820  
Richard E. Murray, President  
Total Sales FYE 12/83: \$20,000,000 Est.  
Cptr. Svcs. Revs. FYE 12/83: \$10,000,000 Est.  
*Computer Services Offered:* • Processing

#### Texas Direct, Inc. Inc.

5100 Rondo Drive  
Fort Worth, TX 76106  
(817) 625-4221  
John W. Windle, President  
Private  
Total Sales FYE 12/84: \$4,100,000  
Cptr. Svcs. Revs. FYE 12/84: \$3,500,000 Est.  
*Computer Services Offered:* • Processing • Professional Services

#### Texas Instruments Inc.

13500 North Central Expressway  
Dallas, TX 75265  
(214) 995-4855  
J. Fred Bucy, President  
Public  
Total Sales FYE 12/83: \$4,579,800,000  
Cptr. Svcs. Revs. FYE 12/83: \$150,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products

### SUBSIDIARIES:

#### Geophysical Service Inc.

P.O. Box 225621 M.S. 3970  
Dallas, TX 75265  
(214) 995-7700  
Dolan McDaniel, President

#### Texas McCan

### SUBSIDIARIES:

#### Chemshare Corp.

3000 S. Post Oak Rd. PO Box 1885  
Houston, TX 77001  
(713) 627-8945  
Lawrence Lesser, President  
Private  
Total Sales FYE 4/82: \$2,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

#### Texas Refinery Corporation

### SUBSIDIARIES:

#### Data Computer Center Inc.

204 Northeast 5th Street Box 789  
Fort Worth, TX 76101  
(817) 332-1971  
Leo Curra, Vice President  
Private

#### The Information Store, Inc.

140 Second Street  
San Francisco, CA 94105  
(415) 543-4636  
Private  
Total Sales FYE 3/84: \$1,000,000  
*Computer Services Offered:* • Professional Services

#### The Marmon Group

### SUBSIDIARIES:

#### Trans Union Corporation

39 South LaSalle  
Chicago, IL 60603  
(312) 372-9500  
Private  
Total Sales FYE 12/84: \$75,000,000 Est.  
*Computer Services Offered:* • Processing • Turnkey Systems

### SUBSIDIARIES:

#### New Century Freight Traffic Association

111 N. Canal St  
Chicago, IL 60606  
(312)236-8436

#### Trans Union Credit Information Co.

111 West Jackson  
Chicago, IL 60611  
(312) 645-6000  
Stanley Mulaz, President  
*Computer Services Offered:* • Processing

#### World Computer Corporation

30400 Telegraph Rd.  
Birmingham, MI 48010  
(313) 645-0120

#### Thermeon Corporation

131 N. Tustin Ave.  
Tustin, CA 92680  
(714) 835-9191  
Rollo S. Pickford, President  
Private

#### Theta Business Systems

1110 Sonora Ave, Ste 106  
Glendale, CA 91201  
(213)245-0917  
Larry Jones, President  
*Computer Services Offered:* • Software Products

#### Thomas Monahan Co., The

### SUBSIDIARIES:

#### Arcola Software

202 North Oak  
Arcola, IL 61910  
(217) 268-3011  
Patrick H. Monahan, President  
Private  
Total Sales FYE 6/84: \$500,000 Est.  
*Computer Services Offered:* • Processing • Turnkey Systems

## Directory of Computer Services Companies

**Thomas National Group, Inc., The**

1700 Broadway  
New York, NY 10019  
(212) 765-8500  
Thomas Berrea, Chairman

Private

Total Sales FYE 2/84: \$16,200,000 Est.  
*Computer Services Offered:* • Processing • Software Products

## SUBSIDIARIES:

**Erisco Inc.**

1700 Broadway  
New York, NY 10019  
(212) 247-2444  
Barbara Bondy, President

*Computer Services Offered:* • Processing • Software Products • Professional Services

**Thomas National Transport of Australia**

## SUBSIDIARIES:

**Alltrans International Group Inc.**

1 Harmon Plaza  
Secaucus, NJ 07094  
(212) 736-7359  
John Arwood, President

**Thomas-Laguban & Associates, Inc.**

16535 West Bluemound Road  
Brookfield, WI 53005  
(414) 784-8080  
Gene Thomas, Chairman

Private

*Computer Services Offered:* • Software Products • Professional Services

**Three PM Inc.**

*See:* McKesson Corporation

**Thyssen-Bornemiza**

## DIVISIONS:

**BRS**

1200 Route 7  
Latham, NY 12110  
(518) 783-1161

William Marovitz, President

Total Sales FYE 10/83: \$8,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products

**TICKETMASTER Corporation**

6560 N. Scottsdale Rd. Suite 6100  
Scottsdale, AZ 85253  
(602) 998-3310

Charles Hanby, President

Private

**Ticketron, Inc.**

*See:* Control Data Corporation

**Tideland's Capital Corporation****TIM-Formation, Inc.**

1913 Central Avenue  
Albany, NY 12205  
(518) 456-6211

Kenneth E. Wilcox, President

Private

Total Sales FYE 1/84: \$550,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Timberline Systems, Inc.**

7180 S.W. Fir Loop  
Portland, OR 97223  
(503) 684-3660

John A. Gorman, President and Chairman

Public

Total Sales FYE 12/83: \$9,776,552  
*Computer Services Offered:* • Software Products • Turnkey Systems

**Time Sharing Resources, Inc.**

*Name changed to:* TSR, Inc.

**Time Systems Inc.**

2131 Northlake Parkway Suite 111  
Tucker, GA 30084  
(404)483-1881

William C. Bell, President

*Computer Services Offered:* • Software Products

**Time-Sharing Systems Inc.**

*See:* Computer Services, Inc.

**Timeshare Associates**

6150 Chevy Chase  
Houston, TX 77057  
(713)782-7986

Henry Rachford, Partner

**Timesharing Consultants Inc.**

6420 E. Broadway, Ste C300  
Tucson, AZ 85710  
(602)745-2060

*Computer Services Offered:* • Software Products

**Timesharing Techniques Inc.**

1819 S. 19th Ave  
Phoenix, AZ 85009  
(602)252-5634

**Timeware Inc.**

530 Lytton Ave  
Palo Alto, CA 94301  
(415)326-7780

**Tiny Systems, Inc.**

634 South Central Expressway  
Richardson, TX 75080  
(214) 699-0262

Joe M. Hollarn, President

Private

Total Sales FYE 12/84: \$350,000 Est.  
*Computer Services Offered:* • Software Products

## Directory of Computer Services Companies

**Tipnis Incorporated**

10815 Indigo Court  
Cincinnati, OH 45021  
(513) 791-3805  
Vijay Tipnis, President

Private

Total Sales FYE 12/83: \$750,000 Est.

Computer Services Offered: • Professional Services

**Tominy, Inc.**

4221 Malsbary Road Bldg 1  
Cincinnati, OH 45242  
(513) 984-6605

Larry Thacker, President

Private

Total Sales FYE 9/84: \$9,000,000

Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

**Tomorrow Systems, Inc.**

PO Box 31  
Paris, TN 38242  
(901) 644-9140

Computer Services Offered: • Software Products

**Tone Software Corporation**

1735 South Brookhurst Street  
Anaheim, CA 92804  
(714) 991-9460

Jerry Slater, President

Private

Total Sales FYE 6/83: \$2,000,000 Est.

Computer Services Offered: • Software Products

**Torstar Corp./Southam Inc.**

## SUBSIDIARIES:

**Infomart**

122 St. Patrick St.  
Toronto, ON M5T2X  
(416) 598-4000  
David Carlisle, President

**Tosc, International**

1101 Post Oak Blvd., Ste. 200  
Houston, TX 77056  
(713) 961-1201

Glen Stancil, President

Private

**Total Environmental Systems Computer Division**

414 North Larch St.  
East Lansing, MI 48912  
(517) 482-2500

Robert Anderson, President

Private

Total Sales FYE 8/82: \$1,000,000

Computer Services Offered: • Professional Services

**Total Systems, Inc.**

28D Vernon St.  
Wakefield, MA 01880  
(617) 246-2200

Robert W. Kadis, President

**Total Technical Services**

13405 York Road  
North Royalton, OH 44133  
(216) 237-8363

**Touche Ross & Company**

1633 Broadway  
New York, NY 10019  
(212) 489-1600

Private

Cptr. Svcs. Revs. FYE 7/83: \$24,000,000 Est.

Computer Services Offered: • Software Products • Professional Services

**Touchette Corporation**

5701 Enterprise Parkway  
Enterprise, NY 13057  
(315) 445-0291

John J. Touchette, President

Private

Total Sales FYE 6/83: \$3,500,000 Est.

Computer Services Offered: • Processing • Turnkey Systems

**Tower Systems, Inc.**

19782 McArthur Boulevard  
Irvine, CA 92715  
(714) 752-8262

J. Gregory Siemon, President

Private

Total Sales FYE 6/83: \$5,000,000 Est.

Computer Services Offered: • Software Products

**Townsend and Bottum, Inc.**

## SUBSIDIARIES:

**T & B Computing Inc.**

1100 Eisenhower Place  
Ann Arbor, MI 48104  
(313) 973-1900

Cecil Murray, President

Total Sales FYE 12/82: \$5,400,000

Computer Services Offered: • Processing • Software Products • Turnkey Systems

**Trac Line Computer Corp.**

51 Alpha Plaza  
Hicksville, NY 11801  
(516) 935-7500

Art LeKacos, President

Private

Total Sales FYE 7/82: \$1,500,000 Est.

Computer Services Offered: • Software Products

**Traffic Data Systems, Inc. (TDS, Inc.)**

54 Middlesex Turnpike  
Burlington, MA 01803  
(617) 273-3530

Arthur E. Finger, Jr., President

Private

Total Sales FYE 12/82: \$2,800,000 Est.

Computer Services Offered: • Processing • Professional Services

## Directory of Computer Services Companies

**Trail Blazer Systems Inc.**

2448 Watson Court Suite 301  
Palo Alto, CA 94303  
(415)858-2800  
Joanne Malone, President

Private

Total Sales FYE 2/82: \$1,600,000

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Trans Micro Systems Inc.**

1731 N. First Street  
San Jose, CA 95112  
(408) 998-7118  
K.B. Wassner, President

Private

Total Sales FYE 12/82: \$500,000

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Trans Union Corporation**

*See:* The Marmon Group

**Trans Union Credit Information Co.**

*See:* The Marmon Group

**Transaction Control Industries**

*Acquired/Merged With:* PAR Technology

**Transaction Data Systems**

5150 Major Blvd. Suite 210  
Orlando, FL 32805  
(305) 351-1210  
Warren Wubker, President

Private

**Transamerica Corp.**

## SUBSIDIARIES:

**James, Fred S. and Company**

55 Water Street  
New York, NY 10041  
(212) 747-6600  
Charles A. O'Malley, Chairman

Public

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Transcomm Data Systems, Inc.**

*See:* GSI-USA Inc.

**Translog Services, Inc.**

600 N. Jackson St.  
Media, PA 19063  
(215) 565-6424

**Transportation Data Management**

*See:* Rand McNally

**Transportation Management Services**

2155 South 3270 West  
Salt Lake City, UT 84119  
(801)973-5800

*Computer Services Offered:* • Processing

**Transportation Management Systems, Inc.**

*See:* General Atlantic Corporation

**Tremco Consultants, Inc.**

930 South State, Suite 120  
Orem, UT 84058  
(801) 226-6000  
Kenneth W. Duncan, President

Private

Total Sales FYE 3/84: \$1,200,000

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**TRES Computer Systems, Inc.**

*See:* Control Data Corporation

**Triad Systems Corporation**

1252 Orleans Drive  
Sunnyvale, CA 94088  
(408) 734-9720

William W. Stevens, Chairman and President

Public

Total Sales FYE 9/83: \$90,831,000

*Computer Services Offered:* • Processing • Turnkey Systems

**Triangle Software Company**

4340 Stevens Creek Boulevard Ste 108  
San Jose, CA 95129  
(408) 554-8121  
John E. Zipp, President

Private

Total Sales FYE 12/83: \$1,500,000 Est.

*Computer Services Offered:* • Software Products

**Tricad, Inc.**

1655 McCarthy Boulevard  
Milpitas, CA 95035  
(408) 942-8800  
Michael Elliot, President

Private

*Computer Services Offered:* • Software Products • Turnkey Systems

**Trident Data Systems**

## SUBSIDIARIES:

**Programatics, Inc.**

Inglewood, CA 90304  
(213)644-9721

*Computer Services Offered:* • Professional Services

**Trinco, Inc.**

*See:* Trinity University

**Trinity University**

## SUBSIDIARIES:

**Trinco, Inc.**

715 Stadium Dr.  
San Antonio, TX 78284  
(512) 736-7401  
Ron Calgard, President

**Trionic International, Inc.**

# Directory of Computer Services Companies

## SUBSIDIARIES:

**Professional Data Management**

2001 Hammond St  
Bangor, ME 04401  
(207) 862-4055  
Barbara Moreshead, President  
*Computer Services Offered:* • Processing • Professional Services

**Triplex Computer Services, Inc.**

3135 Kerner Blvd.  
San Rafael, CA 94101  
(415) 457-6400  
Sheila Martin, President  
Private

**TriStar Business Systems, Inc.**

50 W. Brokaw Rd. Ste 502  
San Jose, CA 95110  
(408)995-6155  
Allen Sainsbury, President  
*Computer Services Offered:* • Turnkey Systems

**TronCorp**

3809 W 95th St.  
Overland Park, KS 66206  
(913) 381-1155  
Kathleen Murphy, President  
Private  
*Computer Services Offered:* • Software Products

**Tru-Check Computer Systems, Inc.**

6 Nursery Lane  
Rye, NY 10580  
(914) 967-9300  
Roger J. Kaufman, President  
Private  
Total Sales FYE 3/84: \$2,700,000 Est.  
*Computer Services Offered:* • Processing

**Trusco Data Systems**

*See:* Trust Company of Georgia

**Trust Company of Georgia**

P.O. Drawer 4418  
Atlanta, GA 30302  
(404) 588-8497

## DIVISIONS:

**Trusco Data Systems**

P.O. Box 4418  
Atlanta, GA 30302  
(404) 588-8497  
Robert Horten, General Manager

**Tudor Systems, Inc.**

*Acquired/merged:* Endata, Inc.'s Wholesale Beverage Division

**Tung, C. Y.**

## SUBSIDIARIES:

**ODS Systems, Inc.**

30 Montgomery St  
Jersey City, NJ 07303  
(212) 344-0236  
Roger King, President

**Turnkey Distribution Systems, Inc.**

82 Cummings Park  
Woburn, MA 01810  
(617)935-2400  
*Computer Services Offered:* • Turnkey Systems

**Turnkey Information Processing Inc**

500 Fifth Ave  
New York, NY 10110  
(212) 354-8551  
Vincent J. Deschamps, President  
Private  
Total Sales FYE 7/82: \$5,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Turnkey Interactive Management Systems**

Meadows Office Complex  
Rutherford, NJ 07070  
(201)933-9222  
Stanley Sweitzer, President  
Total Sales FYE 7/81: \$1,000,000  
*Computer Services Offered:* • Processing • Turnkey Systems

**Twin City Key Punch Service**

2901 Metro Dr.  
Minneapolis, MN 55810  
(612) 854-5080

**Tylus Systems Inc.**

4940 East La Palma  
Anaheim, CA 92807  
(714)970-9321  
*Computer Services Offered:* • Professional Services

**TYME Corp.**

740 N. Plankinton Ave.  
Milwaukee, WI 53203  
(414) 271-7905  
Thomas A. Drew, President

**Tymlabs Corporation**

211 East 7th St.  
Austin, TX 78701  
Morgan Jones, President  
Private  
Total Sales FYE 4/83: \$1,000,000  
*Computer Services Offered:* • Software Products • Professional Services

**Tymshare, Inc.**

*See:* McDonnell Douglas Corporation

**U.S. Administrators**

3540 Wilshire Blvd.  
Los Angeles, CA 90010  
(213) 383-1100  
Sam Kaplan, President

**U.S. National Bank Shares**



## Directory of Computer Services Companies

**Trail Blazer Systems Inc.**

2448 Watson Court Suite 301  
Palo Alto, CA 94303  
(415)858-2800  
Joanne Malone, President

Private

Total Sales FYE 2/82: \$1,600,000

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Trans Micro Systems Inc.**

1731 N. First Street  
San Jose, CA 95112  
(408) 998-7118  
K.B. Wassner, President

Private

Total Sales FYE 12/82: \$500,000

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**Trans Union Corporation**

See: The Marmion Group

**Trans Union Credit Information Co.**

See: The Marmion Group

**Transaction Control Industries**

*Acquired/Merged With:* PAR Technology

**Transaction Data Systems**

5150 Major Blvd. Suite 210  
Orlando, FL 32805  
(305) 351-1210  
Warren Wubker, President

Private

**Transamerica Corp.****SUBSIDIARIES:****James, Fred S. and Company**

55 Water Street  
New York, NY 10041  
(212) 747-6600  
Charles A. O'Malley, Chairman

Public

*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**Transcomm Data Systems, Inc.**

See: GSI-USA Inc.

**Translog Services, Inc.**

600 N. Jackson St.  
Media, PA 19063  
(215) 565-6424

**Transportation Data Management**

See: Rand McNally

**Transportation Management Services**

2155 South 3270 West  
Salt Lake City, UT 84119  
(801)973-5800

*Computer Services Offered:* • Processing

**Transportation Management Systems, Inc.**

See: General Atlantic Corporation

**Tremco Consultants, Inc.**

930 South State, Suite 120  
Orem, UT 84058  
(801) 226-6000  
Kenneth W. Duncan, President

Private

Total Sales FYE 3/84: \$1,200,000

*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**TRES Computer Systems, Inc.**

See: Control Data Corporation

**Triad Systems Corporation**

1252 Orleans Drive  
Sunnyvale, CA 94088  
(408) 734-9720

William W. Stevens, Chairman and President

Public

Total Sales FYE 9/83: \$90,831,000

*Computer Services Offered:* • Processing • Turnkey Systems

**Triangle Software Company**

4340 Stevens Creek Boulevard Ste 108  
San Jose, CA 95129  
(408) 554-8121  
John E. Zipp, President

Private

Total Sales FYE 12/83: \$1,500,000 Est.

*Computer Services Offered:* • Software Products

**Tricad, Inc.**

1655 McCarthy Boulevard  
Milpitas, CA 95035  
(408) 942-8800  
Michael Elliot, President

Private

*Computer Services Offered:* • Software Products • Turnkey Systems

**Trident Data Systems****SUBSIDIARIES:****Programatics, Inc.**

Inglewood, CA 90304  
(213)644-9721

*Computer Services Offered:* • Professional Services

**Trinco, Inc.**

See: Trinity University

**Trinity University****SUBSIDIARIES:****Trinco, Inc.**

715 Stadium Dr.  
San Antonio, TX 78284  
(512) 736-7401  
Ron Calgard, President

**Trionic International, Inc.**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Professional Data Management**

2001 Hammond St  
Bangor, ME 04401  
(207) 862-4055  
Barbara Moreshead, President  
*Computer Services Offered:* • Processing • Professional Services

**Triplex Computer Services, Inc.**

3135 Kerner Blvd.  
San Rafael, CA 94101  
(415) 457-6400  
Sheila Martin, President  
Private

**TriStar Business Systems, Inc.**

50 W. Brokaw Rd., Ste 502  
San Jose, CA 95110  
(408)995-6155  
Allen Sainsbury, President  
*Computer Services Offered:* • Turnkey Systems

**TronCorp**

3809 W. 95th St.  
Overland Park, KS 66206  
(913) 381-1155  
Kathleen Murphy, President  
Private  
*Computer Services Offered:* • Software Products

**Tru-Check Computer Systems, Inc.**

6 Nursery Lane  
Rye, NY 10580  
(914) 967-9300  
Roger J. Kaufman, President  
Private  
Total Sales FYE 3/84: \$2,700,000 Est.  
*Computer Services Offered:* • Processing

**Trusco Data Systems**

*See: Trust Company of Georgia*

**Trust Company of Georgia**

P.O. Drawer 4418  
Atlanta, GA 30302  
(404) 588-8497

## DIVISIONS:

**Trusco Data Systems**

P.O. Box 4418  
Atlanta, GA 30302  
(404) 588-8497  
Robert Horten, General Manager

**Tudor Systems, Inc.**

*Acquired/merged: Endata, Inc.'s Wholesale Beverage Division*

**Tung, C. Y.**

## SUBSIDIARIES:

**ODS Systems, Inc.**

30 Montgomery St  
Jersey City, NJ 07303  
(212) 344-0236  
Roger King, President

**Turnkey Distribution Systems, Inc.**

82 Cummings Park  
Woburn, MA 01810  
(617)935-2400  
*Computer Services Offered:* • Turnkey Systems

**Turnkey Information Processing Inc**

500 Fifth Ave  
New York, NY 10110  
(212) 354-8551  
Vincent J. Deschamps, President  
Private  
Total Sales FYE 7/82: \$5,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Turnkey Interactive Management Systems**

Meadows Office Complex  
Rutherford, NJ 07070  
(201)933-9222  
Stanley Sweitzer, President  
Total Sales FYE 7/81: \$1,000,000  
*Computer Services Offered:* • Processing • Turnkey Systems

**Twin City Key Punch Service**

2901 Metro Dr.  
Minneapolis, MN 55810  
(612) 854-5080

**Tylus Systems Inc.**

4940 East La Palma  
Anaheim, CA 92807  
(714)970-9321  
*Computer Services Offered:* • Professional Services

**TYME Corp.**

740 N. Plankinton Ave.  
Milwaukee, WI 53203  
(414) 271-7905  
Thomas A. Drew, President

**Tymlabs Corporation**

211 East 7th St.  
Austin, TX 78701  
Morgan Jones, President  
Private  
Total Sales FYE 4/83: \$1,000,000  
*Computer Services Offered:* • Software Products • Professional Services

**Tymshare, Inc.**

*See: McDonnell Douglas Corporation*

**U.S. Administrators**

3540 Wilshire Blvd.  
Los Angeles, CA 90010  
(213) 383-1100  
Sam Kaplan, President

**U.S. National Bank Shares**

## Directory of Computer Services Companies

## SUBSIDIARIES:

**Bankers Data Services**

600 Jefferson Bldg. Suite 315  
Houston, TX 77002  
(713) 659-8566  
Malcolm Look, President

**U.S. Software**

5470 N.W. Innisbrook Pl.  
Portland, OR 97229  
(503) 645-5043  
Private  
Total Sales FYE 11/82: \$1,600,000  
*Computer Services Offered:* • Software Products •  
Professional Services

**U.S. Systems Corporation**

1901 North Fort Myer Dr, Ste 702  
Arlington, VA 22209  
(703) 841-1600

**U.S. Trust Co. of New York Computer Services Division**

770 Broadway  
New York, NY 10003  
(212) 420-6392  
Joel Abramowitz, Vice President  
Private

**UCCEL Corporation**

UCCEL Tower-Exchange Park  
Dallas, TX 75235  
(214) 353-7100  
Gregory J. Liemandt, Chairman and CEO  
Public  
Total Sales FYE 12/83: \$152,968,000  
*Computer Services Offered:* • Processing • Software  
Products • Turnkey Systems

## SUBSIDIARIES:

**Open Systems, Inc.**

430 Oak Grove Street  
Minneapolis, MN 55403  
(612) 870-3515  
Petr A. Davis, President  
*Computer Services Offered:* • Software Products

**University Computing Company**

UCCEL Tower-Exchange Park  
Dallas, TX 75235  
(214) 353-7100  
Gregory J. Liemandt, Chairman and CEO  
*Computer Services Offered:* • Processing • Software  
Products

## SUBSIDIARIES:

**Digital Systems of Florida, Inc.**

114 East Gregory Street  
Pensacola, FL 32501  
(904) 434-2685  
Robert C. Sansing, President  
*Computer Services Offered:* • Turnkey Systems

**UDP, Inc.**

8434 Gault Lane  
San Antonio, TX 78209  
(512) 397-2255  
Carson Gilmer, President  
Private

**USS Engineers and Consultants, Inc.**

*See:* United States Steel Corporation

**Ulrich, Walter E. Consulting**

2626 South Loop West, Ste 450  
Houston, TX 77054  
(713) 666-5433  
Walter E. Ulrich, President  
Private  
*Computer Services Offered:* • Professional Services

**Ultimacc Business Systems**

*See:* Storage Technology Corporation

**Ultimate Corp., The**

77 Brant Avenue  
Clark, NJ 07066  
(201) 388-8800  
Theodore M. Sabarese, President  
Public  
Total Sales FYE 4/84: \$70,738,775  
*Computer Services Offered:* • Turnkey Systems

**Ultradata Corporation**

*See:* Ultradata International

**Ultradata International**

## SUBSIDIARIES:

**Ultradata Corporation**

1558 B St  
Hayward, CA 94541  
(415) 881-8477  
Malcolm McKellar, President  
Total Sales FYE 12/81: \$500,000 Est.  
*Computer Services Offered:* • Software Products • Turnkey  
Systems

**Unbounded Computing**

1134 Aster Ave., Suite K  
Sunnyvale, CA 94086  
(408) 247-6557  
Alan Clute, President

**UNI-COLL Corporation**

*See:* CISI Group

**Unicalc Corporation**

Two Academy Lane  
Wayne, PA 19087  
(215) 687-3485  
William Peake, President  
Private  
Total Sales FYE 7/83: \$1,500,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services

**Unicorn Systems Company**

3807 Wilshire Blvd. #1102  
Los Angeles, CA 90010  
(213) 380-6974  
Gerald Larsen, President  
Private

## Directory of Computer Services Companies

**Unilogic, Ltd.**

160 North Craig Street  
Pittsburgh, PA 15213  
(412) 621-2277  
Michael Ian Shamos, President  
Private  
Total Sales FYE 12/84: \$1,500,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Union Data Corporation**

55 Morris Avenue  
Springfield, NJ 07081  
(201) 964-3113  
William L. Yost, President  
Private

**Unique Automation Products**

17922 Sky Park Ct. Suite L  
Irvine, CA 92714  
(714) 549-4832  
William T. Derouchev, President  
Private

**Unique Information Systems, Inc.**

30 N. La Salle, Ste 2900  
Chicago, IL 60602  
(312) 346-7933  
Barry Jerushalmay, Vice President

**Unitab Company of Abilene**

PO Box 2499  
Abilene, TX 79604  
(915) 673-3779  
B. Jack Williams, President  
Private

**Unitech Systems, Inc.**

823 Commerce Dr. Ste 230  
Oak Brook, IL 60521  
(312) 986-0133  
*Computer Services Offered:* • Software Products

**United Computer Service, Inc.**

Williamson County Airport Rd.  
Marion, IL 62959  
(618) 997-1395  
Kenneth S. Greenwalt, President  
Private  
Total Sales FYE 12/81: \$3,600,000  
*Computer Services Offered:* • Processing

**United Education & Software Data Systems Group**

15720 Ventura Boulevard  
Encino, CA 91436  
(213) 907-6649  
Aaron Cohen, President  
Public  
Total Sales FYE 1/84: \$14,500,000  
Cptr. Svcs. Revs. FYE 1/84: \$9,500,000  
*Computer Services Offered:* • Processing • Professional Services • Turnkey Systems

**United Information Services Inc**

See: Control Data Corporation

**United Software Corporation**

1500 East 79th Street  
Minneapolis, MN 55420  
(612) 854-0050  
John MacGowan, President  
Private

**United Software Systems and Services Corporation (U3S)**

1801 Avenue Of The Stars, Suite 300  
Los Angeles, CA 90067  
(213) 556-0664  
John-Eric Forge, President  
Private  
Total Sales FYE 12/83: \$1,000,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**United States Computers Inc.**

8815 S Tacoma Way  
Tacoma, WA 98499  
(206) 584-7211  
Robert Gerth, President  
Private

**United States Steel Corporation**

## SUBSIDIARIES:

**USS Engineers and Consultants, Inc.**

600 Grant St., Room 3313  
Pittsburgh, PA 15230  
(412) 391-8115  
L.F. Bish, Dir. of Corporate Consulting

**United Telecommunications, Inc.**

PO Box 11315  
Kansas City, MO 64112  
(913) 676-3000  
Charles W. Battey, President  
Public  
Cptr. Svcs. Revs. FYE 12/83: \$72,938,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Information Systems of America, Inc. (ISA)**

500 Northridge Road  
Atlanta, GA 30338  
(404) 587-6800  
James H. Potter, President  
*Computer Services Offered:* • Software Products • Professional Services

**Univair Inc.**

9024 St. Charles Rock Road  
St. Louis, MO 63114  
(314) 426-1099  
Scott Nielsen, President  
Private  
Cptr. Svcs. Revs. FYE 12/83: \$5,700,000 Est.  
*Computer Services Offered:* • Software Products

## Directory of Computer Services Companies

**Universal Business Systems, Inc.**

P.O. Box 1015  
Parsons, KS 67357  
(316) 421-1381  
Carleton Johnson, President  
Private  
Total Sales FYE 12/83: \$300,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**Universal Data Inc.**

Name changed to: EDS Timesharing

**Universal Data Systems Inc.**

3901 McArthur Blvd.  
Newport Beach, CA 92660  
(714) 752-7634  
James L. Milanese, President  
Private

**Universal Information Services Inc.**

3229 Omni Dr  
Cincinnati, OH 45245  
(513) 752-1660

**Universal Information Systems Inc.**

S-10 State Highway No. 17  
Paramus, NJ 07652  
(201) 845-7444  
Theodore S. Kissell, President  
Private  
Total Sales FYE 6/83: \$1,000,000 Est.  
Computer Services Offered: • Processing

**Universal Services**

80 Vernon Street Suite 4  
Oakland, CA 94610  
(415) 232-4238

**Universal Software, Inc.**

Brookfield Office Park Route 7  
Brookfield, CT 06804  
(203) 792-5100  
David W. Kearns, President  
Private  
Total Sales FYE 10/84: \$2,500,000 Est.  
Computer Services Offered: • Software Products

**Universal Systems Of America, Inc.**

9401 Indian Creek Parkway, Suite 180  
Overland Park, KS 66210  
(913) 642-3372  
Dale W. Hotze, President and CEO  
Private  
Total Sales FYE 12/84: \$1,500,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services

**University Computing Company**

See: UCCEL Corporation

**University Software**

See: Compumax, Inc.

**University Software Systems**

See: Agababian Associates

**Up-Time Systems, Inc.**

1140 NW 63rd St, Ste 200  
Oklahoma City, OK 73116  
(405) 843-8631  
Computer Services Offered: • Software Products

**Urban Data Processing**

See: Harte Hanks Communications, Inc.

**Urban Decision Systems, Inc.**

2032 Armacast Avenue  
Los Angeles, CA 90025  
(213) 820-8931  
Vladimir Almendinger, President  
Private  
Total Sales FYE 4/84: \$3,000,000  
Computer Services Offered: • Processing • Software  
Products • Professional Services

**Urschel Laboratories**

## SUBSIDIARIES:

**Indiana Information Controls Inc.**

2401 N. Calumet  
Valpariso, IN 46383  
(219) 464-4864  
Robert Espie, Executive Vice President  
Private

**Users Incorporated**

1250 Drumm Lane  
Valley Forge, PA 19482  
(215) 687-9400  
John N. Reardon, President  
Private  
Total Sales FYE 9/83: \$16,600,000 Est.  
Cptr. Svcs. Revs. FYE 9/83: \$15,750,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Turnkey Systems

**Userware International**

2235 Meyers Avenue  
Escondido, CA 92025  
(619) 745-6006  
Richard Rhodes, President  
Private  
Total Sales FYE 12/83: \$2,500,000 Est.  
Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

**Utah Scientific**

See: Dynatech Corporation

**Utica Computer Services, Inc. (UCS)**

101 First Street  
Utica, NY 13501  
(315) 724-6121  
Barton C. Hurd, President  
Private

## Directory of Computer Services Companies

### Utility Computing Service, Inc.

505 North 18th Street, Suite D  
Monroe, LA 71201  
(318) 388-0920  
Harry L. Porter, President  
Private  
Total Sales FYE 10/84: \$400,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

### Uveon Computer Systems, Inc.

899 Logan St., Ste. 111  
Denver, CO 80203  
(303) 831-7000  
F. William Gilmore, President  
Private  
Total Sales FYE 7/83: \$500,000  
*Computer Services Offered:* • Software Products

### VIP Systems Corporation

314 Swann Ave  
Alexandria, VA 22301  
(703) 548-2164

### Visible Systems Corporation

336 Baker Avenue  
Concord, MA 01742  
(617) 369-1800  
David G. Hughes, President  
Private  
*Computer Services Offered:* • Software Products

### VLSI Technology, Inc.

1101 Mckay Drive  
San Jose, CA 95131  
(408) 942-1810  
Alfred J. Stein, President  
Total Sales FYE 12/82: \$21,229,000  
Cptr. Svcs. Revs. FYE 12/82: \$2,500,000 Est.  
*Computer Services Offered:* • Software Products • Turnkey Systems

### VM Software, Inc.

2070 Chain Bridge Road, Suite 355  
Vienna, VA 22180  
(703) 821-6886  
Robert E. Cook, Chairman and CEO  
Private  
Total Sales FYE 12/83: \$5,015,679 Est.  
*Computer Services Offered:* • Software Products

### VR Data Corp.

777 Henderson Blvd., N-6  
Folcroft, PA 19032  
(215) 461-5300

### VSE Corporation

2550 Huntington Avenue  
Alexandria, VA 22303  
(703) 960-4600  
John Toomy, President  
Public  
Total Sales FYE 12/82: \$50,630,000  
Cptr. Svcs. Revs. FYE 12/82: \$6,000,000 Est.  
*Computer Services Offered:* • Processing • Professional Services

### Valencia Computer Service

2300 Cairo Dr. E  
Tempe, AZ 85282  
(602) 894-2956  
Anne Holland, President

### Valid Logic Systems Inc.

650 North Mary  
Sunnyvale, CA 94086  
(408) 773-1300  
Jared Anderson, Founder  
*Computer Services Offered:* • Turnkey Systems

### Valley Bank of Nevada Business Services Division

300 S. Fourth St.  
Las Vegas, NV 89114  
(702) 386-1000  
Kenneth Sullivan, President

### Valley National Corporation

241 N Central Ave  
Phoenix, AZ 85004  
(602) 261-2900

#### SUBSIDIARIES:

### Sun Country Financial Corporation

2922 North 34th Dr  
Phoenix, AZ 85017  
(602) 241-4306  
Ray Valour, President  
*Computer Services Offered:* • Processing

### Valuation Research Corporation

#### SUBSIDIARIES:

### American Valuation Consultants Inc.

2200 East Devon Ave. Suite 247  
Des Plaines, IL 60018  
(312) 297-6100  
Dennis Valerio, President  
Private

### Value Computing, Inc.

498 North Kings Highway  
Cherry Hill, NJ 08034  
(609) 482-2500  
Vincent Joseph Bannan, President  
Private  
Total Sales FYE 9/83: \$7,500,000 Est.  
*Computer Services Offered:* • Software Products

#### SUBSIDIARIES:

### Service Software Inc.

498 N. Kings Highway Suite 224  
Cherry Hill, NJ 08034  
(609) 482-2550  
M. Kaplan, President  
*Computer Services Offered:* • Software Products

### Value Line Incorporated

See: Bernhard, Arnold & Co., Inc.

### Vanguard Computer Systems, Inc.

18860 Lemay St  
Reseda, CA 91335  
(213) 368-9110  
Philip W. Peterson, President  
Private

## Directory of Computer Services Companies

**Vanguard Management Corporation**

110 Marietta Station Walk, Suite 300  
Marietta, GA 30060  
(404) 428-0055

## SUBSIDIARIES:

**JMI Software Consultants**

904 Sheble Lane, P.O. Box 481  
Spring House, PA 19477  
(215) 628-0840

John E. Brennan, President  
Total Sales FYE 8/84: \$800,000

*Computer Services Offered:* • Software Products • Professional Services

**Vantage Computer Systems, Inc.**

125 Silas Dean Highway  
Wethersfield, CT 06109  
(203) 721-0694

Robert Maltempo, President

Private

Total Sales FYE 12/83: \$12,000,000 Est.

*Computer Services Offered:* • Processing • Software Products • Professional Services

**Vector Graphic Inc.**

31364 Via Colinas  
Westlake Village, CA 91361  
(213) 991-2302

Lore Harp, President

**Vector Systems, Inc.**

24567 Northwestern, Suite 300  
Southfield, MI 48075  
(313) 336-7440

Lucia C. Crumley, President

Private

Total Sales FYE 12/83: \$120,000

*Computer Services Offered:* • Software Products • Professional Services

**VenturCom Inc.**

139 Main St  
Cambridge, MA 02142  
(617) 661-1230

Myron L. Zimmerman, President

Private

*Computer Services Offered:* • Software Products

**Versatec, Inc.**

2805 Bowers Avenue  
Santa Clara, CA 95051  
(408) 988-2800

**Vertex Systems Inc.**

998 Old Eagle School Road  
Wayne, PA 19087  
(215) 687-9060

Raymond Westphal, President

Private

Total Sales FYE 9/83: \$2,500,000 Est.

*Computer Services Offered:* • Software Products

**VESOF Consultants**

506 North Plymouth  
Los Angeles, CA 90004  
(213) 464-7523

Vladimir Volokh, President

*Computer Services Offered:* • Software Products • Professional Services

**Vetrol Data Systems Inc.**

2500 13th Avenue  
Vero Beach, FL 32960  
(305) 562-1621

Kenneth L. Srigley, President

Private

Total Sales FYE 6/82: \$500,000

*Computer Services Offered:* • Processing • Turnkey Systems

**Via Computer, Inc.**

7177 Construction Court  
San Diego, CA 92121  
(619) 578-5356

D. C. Pearson, President

Private

Total Sales FYE 12/84: \$750,000 Est.

*Computer Services Offered:* • Software Products • Professional Services

**Vicker's Associates Inc.**

226 New York Avenue  
Huntington, NY 11743  
(516) 423-7710

Michael Stollar, President

Private

**Vidmar, Stanley**

See: Stanley Works

**Viehmann Corporation**

## SUBSIDIARIES:

**Viehmann, Rowe Associates**

274 Main St.  
Reading, MA 01867  
(617) 944-5787

Norman Viehmann, President

**Viehmann, Rowe Associates**

See: Viehmann Corporation

**Vining Sparks Securities, Inc.**

889 Ridgelake Drive  
Memphis, TN 38119  
(901) 766-4447

James L. Vining, President

Private

Total Sales FYE 12/83: \$6,200,000 Est.

Cptr. Svcs. Revs. FYE 12/83: \$600,000

*Computer Services Offered:* • Software Products

**Virginia Computer Services Inc.**

5705 Turner Rd  
Broad Run, VA 22014  
(703) 631-2010

*Computer Services Offered:* • Processing



## Directory of Computer Services Companies

**Virginia Data Center**

*Acquired/merged: Electronic Data Systems, Credit Union Division*

**Virtual Systems, Inc.**

1500 Newell Ave., Ste 406  
Walnut Creek, CA 94596  
(415) 935-4944  
Ralph Swearingen, President  
Private

**Visible Systems Corp.**

336 Baker Avenue  
Concord, MA 01742  
(617) 369-1800  
David G. Hughes, President  
Private  
Total Sales FYE 12/83: \$500,000 Est.  
*Computer Services Offered:* • Software Products

**VisiCorp**

*Merged with: Paladin Software Corp.*

**Vision Technology Inc.**

1760 Reston Avenue, Suite 415  
Reston, VA 22090  
(703) 689-0001  
Paul K. Wormeli, President  
Private  
*Computer Services Offered:* • Software Products

**Vista Computer, Inc.**

85 Executive Boulevard  
Elmsford, NY 10523  
(914) 592-8190  
Donald L. Gross, President  
Private  
Total Sales FYE 11/83: \$1,600,000  
*Computer Services Offered:* • Processing • Software Products • Turnkey Systems

**Vista Concepts, Inc.**

11 Broadway  
New York, NY 10004  
(212) 943-9070  
Ellis Denmark, President  
Private  
Total Sales FYE 3/81: \$10,000,000  
*Computer Services Offered:* • Software Products • Professional Services

**Vital Computer Services International, Inc.**

575 Madison Avenue, 3rd Floor  
New York, NY 10022  
(212) 838-0701  
Charles Campisi, President  
Private  
Total Sales FYE 3/81: \$3,500,000 Est.  
Cptr. Svcs. Revs. FYE 3/81: \$3,150,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Vitro Computer Services**

*See: Penn Central*

**Volt Delta Resources Inc.**

*See: Volt Information Sciences Inc.*

**Volt Information Sciences Inc.**

101 Park Avenue  
New York, NY 10178  
(212) 309-0200  
William Shaw, President  
Public

## SUBSIDIARIES:

**Volt Delta Resources Inc.**

1133 Avenue of the Americas  
New York, NY 10036  
(212) 764-0700  
John Hunter, President  
Cptr. Svcs. Revs. FYE 10/83: \$37,324,000  
*Computer Services Offered:* • Professional Services • Turnkey Systems

**Wachovia Corporation, The**

301 North Main Street  
Winston-Salem, NC 27101  
(919) 748-5000  
John G. Medlin, Jr., President and CEO  
Public  
Cptr. Svcs. Revs. FYE 12/83: \$16,612,517  
*Computer Services Offered:* • Processing

## DIVISIONS:

**Wachovia Services Inc.**

PO Box 3001  
Winston-Salem, NC 27102  
(919) 748-5153  
Les D. Sari, President  
*Computer Services Offered:* • Processing

**Wachovia Services Inc.**

*See: Wachovia Corporation, The*

**Walden Management Services**

*See: KMS Industries*

**Walker Interactive Products**

100 Mission St., 3rd Floor  
San Francisco, CA 94105  
(415) 495-8811  
Jeffrey L. Walker, Chairman  
Private  
Total Sales FYE 6/84: \$20,000,000 Est.  
*Computer Services Offered:* • Software Products

## DIVISIONS:

**Walker Interactive Products Systems Software**

1400 Lake Hearn Drive, Suite 215  
Atlanta, GA 30319  
(404) 843-0050  
Vaughn Merlyn, V.P. and General Mgr.  
*Computer Services Offered:* • Software Products

## Directory of Computer Services Companies

**Walker Interactive Products Systems Software**

See: Walker Interactive Products

**Wallace Business Forms, Inc.**

## DIVISIONS:

**Business Data, Inc.**

2 North Riverside  
Chicago, IL 60606  
(312) 782-8115  
Ernest Freudman, General Manager

**Walsh, Richard M., Associates Inc.**

925 Oak Street  
Seranton, PA 18508  
(717) 346-3856  
Richard M. Walsh, President  
Private  
Total Sales FYE 12/83: \$3,500,000 Est.  
Computer Services Offered: • Processing

**Wang Computer Services**

One Industrial Ave.  
Lowell, MA 01851  
(617) 459-5000  
Ned Chang, General Manager

**Warner Computer Systems Inc.**

605 Third Avenue  
New York, NY 10016  
(212) 697-0110  
Harvey Krieger, President  
Private

**Warner-Eddison Associates, Inc.**

186 Alewife Brook Parkway  
Cambridge, MA 02138  
(617) 661-8124  
Elizabeth Eddison, President  
Private

**Warrington Associates, Inc.**

601 Second Avenue South  
Hopkins, MN 55343  
(612) 935-3300  
Charles Gesme, President  
Private  
Computer Services Offered: • Processing • Software Products

**Washington Computer Services**

3028 Silvern Lane  
Bellingham, WA 98226  
(206) 734-8248  
Computer Services Offered: • Software Products

**Waters Business Systems, Inc.**

47 New York Ave.  
Framingham, MA 01701  
(617) 879-2504  
James Waters, President  
Private  
Total Sales FYE 12/82: \$1,200,000 Est.  
Computer Services Offered: • Software Products • Professional Services

**Wayne Computer Center Inc.**

See: Kemp Furniture Industries, Inc.

**Weeks, Leo M.**

23716 20 Mile Road  
Olivet, MI 49076  
(616) 749-9436

**Weidenhammer Systems Corp.**

See: ACI, Inc.

**Weidner Communications**

1673 West 820 North  
Provo, UT 84601  
(801) 375-9910  
Nevil Garrett, President  
Private  
Total Sales FYE 7/82: \$5,000,000 Est.  
Computer Services Offered: • Software Products • Professional Services

**Weiland Computer Group, Inc.**

See: General Motors

**Wendall & Tralett**

## SUBSIDIARIES:

**Cost Systems Engineers**

8165 Freeport Parkway  
DFW Airport, TX 75261  
(214) 257-0543  
John Steck, President  
Total Sales FYE 7/83: \$500,000  
Computer Services Offered: • Software Products

**Wengel Service Corporation**

1101 State Road  
Princeton, NJ 08540  
(609) 924-4900  
Douglas Wengel, President

**West Florida Data Processing**

See: West Florida Natural Gas

**West Florida Natural Gas**

## SUBSIDIARIES:

**West Florida Data Processing**

28 West Beach Drive PO Box 2463  
Panama City, FL 32401  
(904) 763-6511  
Max Lewis, President  
Total Sales FYE 6/81: \$750,000  
Computer Services Offered: • Processing • Software Products

**West Publishing Company**

## Directory of Computer Services Companies

## DIVISIONS:

**WESTLAW Division**

50 West Kellogg Blvd.  
St. Paul, MN 55165  
(612) 228-2500  
Dwight Opperman, President  
Private

**Western Data Corporation**

444 N.E. Ravena Boulevard, Ste. 401  
Seattle, WA 98115  
(206) 453-1540  
Robert Miller, President

Private

Total Sales FYE 6/83: \$6,000,000 Est.

Computer Services Offered: • Processing • Software  
Products • Professional Services

**Western Geophysical Company of America**

See: Litton Industries, Inc.

**Western Information Systems**

Name changed to: Integrated Systems Group, Inc.

**Western Micro Systems**

See: Western Microtechnology, Inc.

**Western Microtechnology, Inc.**

## DIVISIONS:

**Western Micro Systems**

10040 Bubba Rd  
Cupertino, CA 95014  
(408) 725-1660

Computer Services Offered: • Software Products • Turnkey  
Systems

**Western Publishing Company, Inc.**

P.O. Box 700  
Racine, WI 53401  
(414) 633-2431

**Western Union Corporation**

One Lake Street  
Upper Saddle River, NJ 07458  
(201) 825-5000  
Robert M. Flanagan, President

Public

Total Sales FYE 12/83: \$1,044,829,000

Cptr. Svcs. Revs. FYE 12/83: \$18,800,000 Est.

Computer Services Offered: • Processing

## SUBSIDIARIES:

**Western Union Teleprocessing Group**

82 McKee Drive  
Mahwah, NJ 07430  
(201) 529-6000

## SUBSIDIARIES:

**Distronics Corporation**

1060 Kings Highway North  
Cherry Hill, NJ 08002  
(608) 667-6233  
Marshall Campbell, President

**Telstat Systems, Inc.**

60 Hudson St.  
New York, NY 10013  
(212) 227-5082  
Bruce Hechler, President  
Private

**Western Union Teleprocessing Group**

See: Western Union Corporation

**Westinghouse Advanced Systems Technology**

See: Westinghouse Electric Corporation

**Westinghouse Electric Corporation**

Westinghouse Building, Gateway Center  
Pittsburgh, PA 15222  
(412) 244-2000  
Douglas D. Danforth, Chairman and CEO

Public

Total Sales FYE 12/83: \$9,532,600,000

Cptr. Svcs. Revs. FYE 12/83: \$60,000,000 Est.

Computer Services Offered: • Processing • Software  
Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Westinghouse Advanced Systems Technology**

777 Penn Center Blvd  
Pittsburgh, PA 15235  
(412) 824-9100  
C J Baldwin, Manager

Computer Services Offered: • Processing • Software  
Products • Professional Services

**Westinghouse Electronic Systems Division**

200 Beta Dr  
Pittsburgh, PA 15238  
(412) 782-1730

Computer Services Offered: • Processing • Software  
Products • Turnkey Systems

**Westinghouse Learning Corp.**

2400 Cost Bldg. Ardmore Blvd.  
Pittsburgh, PA 15221  
(412) 256-5123  
Jay Clark, Director of Marketing

**Westinghouse Electronic Systems Division**

See: Westinghouse Electric Corporation

**Westinghouse Information Services**

Acquired/Merged: National Computer Systems, Inc.

**Westinghouse Learning Corp.**

See: Westinghouse Electric Corporation

**WESTLAW Division**

See: West Publishing Company

## Directory of Computer Services Companies

**Westley Modern Methods**

107 North Warren  
Big Rapids, MI 49307  
(616) 796-5767  
Robert Westley, President  
Private

**Westware Inc.**

2455 S W 4th Ave  
Ontario, OR 97914  
(503) 881-1477  
*Computer Services Offered:* • Software Products

**Whalen Computer Services, Inc.**

Bennett Complex, Box 347  
Millbrook, NY 12545  
(914) 677-5025  
Robert Whalen, President  
Private  
Total Sales FYE 4/82: \$1,500,000 Est.  
*Computer Services Offered:* • Processing • Turnkey Systems

**Whelan Associates Inc.**

Blue Bell Three, 723 Skippack Pike  
Blue Bell, PA 19422  
(215) 643-7470  
Elaine P. Whelan, President  
Private  
Total Sales FYE 12/84: \$1,500,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services • Turnkey Systems

**White Hat Systems, Inc.**

331 Montvale Avenue  
Woburn, MA 01801  
(617) 933-3780  
James Warren, President  
Private  
Total Sales FYE 9/84: \$7,000,000 Est.  
*Computer Services Offered:* • Processing • Software Products • Professional Services • Turnkey Systems

**White, Bob, Computing and Software Inc.**

See: Cullinet Software

**White, Glenn L. Company**

10560 Main St., Ste 406  
Fairfax, VA 22030  
(703) 325-1210  
Glenn L. White, President  
Private

**White, Robert F. and Company**

209 West Jackson St.  
Chicago, IL 60606  
(312) 322-9600  
Robert F. White, President  
Private  
Total Sales FYE 7/83: \$8,000,000 Est.  
*Computer Services Offered:* • Processing

**Whiteside Associates, Inc.**

3011 Rainbow Dr. Suite 101  
Decatur, GA 30034  
(404) 243-1133  
Bryce Whiteside, President  
Private  
Total Sales FYE 3/82: \$500,000  
*Computer Services Offered:* • Software Products

**Whitesmiths, Ltd.**

97 Lowell Road  
Concord MA 01742  
(617) 369-8499  
P.S. Plauger, President  
Private  
Total Sales FYE 12/83: \$2,200,000 Est.  
*Computer Services Offered:* • Software Products • Professional Services

**Whittaker Medicus**

Company Split/Now: Mediflex Systems Corp. and Medicus Systems Corp.

**Why Systems Inc.**

17130 Avondale Wy. NE  
Redmond, WA 98052  
(206) 881-2331  
*Computer Services Offered:* • Software Products • Professional Services

**Wilcox, R.E. Systems Inc.**

134 East 200 North  
Alpine, VT 84003  
(801) 532-2390  
*Computer Services Offered:* • Processing

**Wild Hare Computer Systems Inc**

PO Box 3581  
Boulder, CO 80307  
(303) 494-0221  
Private  
Total Sales FYE 12/81: \$450,000  
*Computer Services Offered:* • Software Products

**Wilson Management Systems and Technology Group**

## SUBSIDIARIES:

**Kappa Systems Inc.**

1501 Wilson Blvd  
Arlington, VA 22209  
(703) 558-3700  
Bruce Beddow, President  
Total Sales FYE 6/82: \$3,500,000  
*Computer Services Offered:* • Processing • Software Products • Professional Services

**Microcommet**

1501 Wilson Boulevard  
Arlington, VA 22209  
(703) 558-3700  
Donald King, President  
Private  
Total Sales FYE 12/83: \$700,000 Est.  
*Computer Services Offered:* • Professional Services

## Directory of Computer Services Companies

### RMC Research

1501 Wilson Blvd  
Arlington, VA 22209  
(703) 558-3700  
Hugo B. Becker, President  
Private  
Total Sales FYE 6/82: \$4,500,000  
Computer Services Offered: • Professional Services

### Wilson Systems Group

290 Elwood Davis Road, Suite 212  
Liverpool, NY 13088  
(315) 451-6445  
James M. Wilson, President  
Private  
Total Sales FYE 9/84: \$600,000 Est.  
Computer Services Offered: • Professional Services • Turnkey Systems

### Winchester Computer Corporation

1270 Broadway, Ste 1009  
New York, NY 10001  
(212)563-3030

### Wincl Corporation, The

See: National Color Labs

### Winterhalter, Incorporated Inc.

3853 Research Park Drive  
Dexter, MI 48104  
(313) 662-2002  
Rebecca L. McPherson, Senior Mktg. Rep.  
Public  
Total Sales FYE 4/84: \$507,735  
Computer Services Offered: • Software Products

### Wisconsin Physicians Service

P.O. Box 8190  
Madison, WI 53708  
(608) 221-4711  
Ray Koenig, President  
Private

### Wisner Associates, Inc.

22134 Sherman Way Suite 420  
Canoga Park, CA 91303  
(818) 884-5515  
David A. Wisner, President  
Private  
Computer Services Offered: • Processing • Software Products • Professional Services

### Wolf Data Services, Inc.

7800 West 110th Street, Suite 121  
Overland Park, KS 66212  
(913) 341-7474  
M. Ronald Svec, President  
Private  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

### Wollongong Group, The

1135 A San Antonio Rd  
Palo Alto, CA 94303  
(415) 493-3698  
Frank Zehna, President

### Woodward, Ryan, Sharp and Davis

See: Noble Lowndes Group

### Wordtronics

609 Lafayette Ave  
Hawthorne, NJ 07506  
(201)427-2400  
Joseph C. Noto, President  
Computer Services Offered: • Processing

### Worlco Data Systems, Inc.

1021 West Eighth Avenue  
King of Prussia, PA 19406  
(215) 337-8100  
Edward A. Rofi, President  
Public  
Total Sales FYE 3/84: \$7,329,705  
Computer Services Offered: • Processing • Software Products • Professional Services • Turnkey Systems

### World Computer Corporation

See: The Marmon Group

### World Research Systems Ltd.

P.O. Box 1009  
Palatine, IL 60067  
(312) 991-1122  
Bruce G. Tedesco, President  
Private  
Computer Services Offered: • Software Products

### World Wide Computer Services

See: General Devices Inc.

### World Wide Software Associates

See: Oxford Software Corporation

### World-Wide Computer Resources, Ltd

15 Trafalgar Sq  
Wrentham, MA 02093  
(617)384-8681  
Computer Services Offered: • Software Products

### Worldwide Chain Store Systems

303 E Wacker Dr, Ste 1900  
Chicago, IL 60601  
(312)938-0171  
Charles C. Fitzmorris, Jr., President  
Private  
Total Sales FYE 12/81: \$1,500,000 Est.  
Computer Services Offered: • Software Products • Professional Services • Turnkey Systems

### Worth, Auger & Associates

See: Pacific Health Resources

### Worthen Bank & Trust Co. Computer Services Division

Worthen Bank Building  
Little Rock, AR 72203  
(501) 378-1000  
Edward M. Penick, Chairman

### Wright, Louis A. & Associates

1158 South Main  
Plymouth, MI 48170  
(313)459-7760

### Wyle Data Services

See: Wyle Laboratories, Inc.

## Directory of Computer Services Companies

**Wyle Laboratories, Inc.**

## SUBSIDIARIES:

**Wyle Data Services**

15302 Bolsa Chica  
Huntington Beach, CA 92649  
(714) 898-5656  
Nicholas J. Lewis, General Manager

**X-Act Computer Service Inc.**

118 So. Sunnyvale Ave.  
Sunnyvale, CA 94086  
(408) 245-4787  
Jim Pennington, President  
Private

**XMCO**

8200 Greensborough Drive, Suite 801  
McLean, VA 22102  
(703) 556-9400  
Donald P. Creuziger, President  
Private  
*Computer Services Offered:* • Professional Services

**XXCAL**

2001 S. Barrington Avenue, Suite 114  
Los Angeles, CA 90025  
(213) 477-2902  
Marvin Hoffman, President  
Total Sales FYE 3/83: \$8,500,000 Est.  
*Computer Services Offered:* • Professional Services

**XEDEx Corporation**

1345 Avenue of the Americas  
New York, NY 10105  
(212) 489-0444  
*Computer Services Offered:* • Software Products

**Xenex Computer Systems, Inc.**

11500 Sunrise Gold Circle Suite H  
Rancho Cordova, CA 95670  
(916) 635-8682  
Robert Gray, President  
Private  
Total Sales FYE 12/81: \$500,000 Est.  
*Computer Services Offered:* • Processing

**Xerox Computer Services**

See: Xerox Corporation

**Xerox Corporation**

Stamford, CT 06904  
(203) 329-8711  
David Kcarms, President  
Public

## SUBSIDIARIES:

**Autex Systems**

55 William Street  
Wellesley, MA 02181  
(617) 235-1940  
Charles D. Lamotta, President  
*Computer Services Offered:* • Processing

**Systemix**

2737 Campus Dr.  
Irvine, CA 92713  
(714) 851-1010

**Xerox Computer Services**

5310 Beethoven Street  
Los Angeles, CA 90066  
(213) 390-3461  
Haig Bazoian, President  
Total Sales FYE 12/82: \$93,500,000 Est.  
Cptr. Svcs. Revs. FYE 12/82: \$73,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Turnkey Systems

## SUBSIDIARIES:

**Praxa Corporation**

26 Springdale Rd.  
Cherry Hill, NJ 08003  
(609) 424-3600

**XIDAK, Inc.**

530 Oak Grove Avenue, Suite 101  
Menlo Park, CA 94025  
(415) 324-8745  
Gregory A. Jirak, President  
Private

Total Sales FYE 9/84: \$675,000 Est.  
*Computer Services Offered:* • Software Products

**Xybon Corporation**

240 Cedar Knolls Road  
Cedar Knolls, NJ 07927  
(201) 538-5111  
Dr. Paul A. Frost, President  
Private

Total Sales FYE 3/84: \$3,500,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

## SUBSIDIARIES:

**Xybon Medical Systems Corporation**

7 Ridgedale Ave  
Cedar Knolls, NJ 07927  
(201) 540-9010  
Paul Frost, President  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Xybon Medical Systems Corporation**

See: Xybon Corporation

## Directory of Computer Services Companies

**Yipkon Business Systems, Inc.**

1 World Trade Center Suite 7967  
New York, NY 10048  
(212) 524-7729  
Kumar Konanur, President  
Private  
Total Sales FYE 12/82: \$3,500,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**Yondata Corporation**

111 E. Avenue  
Rochester, NY 14604  
(716) 325-7350  
Anthony H. Yonda, President

**Young Door Company**

## DIVISIONS:

**Plycom Services**

P.O. Box 160  
Plymouth, IN 46563  
(219) 935-5121  
Bob Sharp, General Manager

**Zeiler-Pennock, Inc.**

2727 Bryant St. Suite 600  
Denver, CO 80211  
(303) 455-3322  
Jack Zeiler, President  
Private  
Total Sales FYE 12/83: \$1,200,000  
Cptr. Svcs. Revs. FYE 12/83: \$380,000 Est.  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**Zero-N Systems Inc.**

18771 Blythwood Dr. Suite 240  
Los Gatos, CA 95030  
(408) 753-1634  
James Morgan, President  
Private

**Zeus Data Systems**

2500 East Foothill Blvd.  
Pasadena, CA 91107  
(213) 793-7207  
Richard Penning, President  
Private

Total Sales FYE 9/82: \$750,000 Est.  
Cptr. Svcs. Revs. FYE 9/82: \$500,000 Est.  
*Computer Services Offered:* • Professional Services •  
Turnkey Systems

**Zia Corporation**

P.O. Box 351  
Morris Plains, NJ 07950  
(201) 540-9341  
Glenn Burnett, President  
Private

**Ziff-Davis Publishing Company**

## DIVISIONS:

**Information Access Co.**

11 Davis Drive  
Belmont, CA 94022  
(415) 591-2333  
Morris Goldstein, President  
Total Sales FYE 7/84: \$10,000,000 Est.  
*Computer Services Offered:* • Processing

**Strategic Information**

80 Blanchard Rd  
Burlington, MA 01803  
(617) 273-5500  
Richard Kaylor, President  
Private  
Total Sales FYE 7/82: \$22,500,000 Est.  
Cptr. Svcs. Revs. FYE 7/82: \$15,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Turnkey Systems

**Zink & Katich Data Processing Inc.**

1905 Bernice Rd.  
Lansing, IL 60438  
(312) 895-0880

**Zytron Corporation**

*See:* Dun and Bradstreet

**1040 Software, Inc.**

*See:* Prentice-Hall

**202 Data Systems, Inc.**

1275 Drummer Lane, Glenhardie Corporate Center  
Wayne, PA 19087  
(215) 964-1170  
Kevin W. Galbraith, President  
Public  
Total Sales FYE 10/83: \$2,651,579  
Cptr. Svcs. Revs. FYE 10/83: \$1,466,807  
*Computer Services Offered:* • Software Products •  
Professional Services • Turnkey Systems

**3M**

3M Center  
St Paul, MN 55144  
(612) 731-1110

## SUBSIDIARIES:

**3M Datatrak Systems, Inc.**

600 Third Ave  
New York, NY 10016  
(212) 309-1938  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services • Turnkey Systems

**3M Media Services, Inc.**

Four High Ridge Park  
Stamford, CT 06905  
(203) 329-1170  
David Webber, President  
Total Sales FYE 12/83: \$6,000,000 Est.  
*Computer Services Offered:* • Processing • Software  
Products • Professional Services

**3M Datatrak Systems, Inc.**

*See:* 3M

**3M Media Services, Inc.**

*See:* 3M



# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                 |                    | COMPUTER SERVICES |                   | PROCESSING MODE       |                 | PROCESSING TYPE  |       |                       | REMOTE COMPUTING |                          |         |                    |             |              |          |
|--|--------------------|-------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                                 | SERVICES AVAILABLE | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |                   |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| A & T Technical Services                     |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| A Supplementary DP Service, Inc.             |                    | ●                 |                   |                       |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| A. B. Dick Company Business Systems          |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| A.C.T.S. Corporation                         |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| AAA Technology and Specialties Company       |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| ACS Data Services, Inc.                      |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| ADP Telephone Computing Services             |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| AFI-Datatrol Division                        |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| AFS SunData                                  |                    | ●                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| AGMO Software                                |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| AGS Computers Inc.                           |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| AIS Corporation - Medical Management Systems |                    | ●                 | ●                 | ●                     | ●               | ●                |       |                       |                  |                          |         |                    | ●           |              |          |
| AMI Systems Inc.                             |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             | ●            |          |
| APL Systems                                  |                    | ●                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| AR Mediquest                                 |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| ARC Automation Group Inc.                    |                    | ●                 | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| ARC Automation Services Inc.                 |                    | ●                 |                   |                       | ●               | ●                | ●     |                       |                  |                          |         |                    |             | ●            |          |
| ASA, Inc.                                    |                    | ●                 |                   | ●                     | ●               | ●                |       | ●                     |                  |                          |         |                    | ●           |              |          |
| ATAC   |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| ATE Associates Inc.                          |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| ATM/Network Management Corp                  |                    | ●                 |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| AUI Data Graphics, Inc.                      |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| AVP Systems                                  |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| AW Computer Systems, Inc.                    |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Aardvark/McGraw-Hill                         |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| ABACUS Associates                            |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Absolute Software                            |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Academic Financial Services Association      |                    | ●                 |                   |                       |                 | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| Access International, Inc.                   |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Access Technology, Inc                       |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Accountant's Microsystems, Inc.              |                    |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Accountants Computer Resources Corp. (ACR)   |                    | ●                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Accountants Processing Center                |                    | ●                 | ●                 |                       |                 |                  | ●     |                       | ●                |                          |         |                    |             |              |          |
| AccounTech Systems, Inc.                     |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Accounting Corporation of America            |                    | ●                 |                   |                       |                 | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| Accounting Data Service                      |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              | ●        |
| Accounting Datamation Inc.                   |                    | ●                 | ●                 |                       | ●               | ●                | ●     | ●                     |                  |                          |         |                    |             | ●            | ●        |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                   |                    |  |  |  | COMPUTER SERVICES | PROCESSING MODE   | PROCESSING TYPE       |                 |                  | REMOTE COMPUTING |                       |                  |                          |         |                    |             |              |          |
|--|--------------------|--|--|--|-------------------|-------------------|-----------------------|-----------------|------------------|------------------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                                   | SERVICES AVAILABLE |  |  |  | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH            | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| AccTex Information Systems                     |                    |  |  |  |                   | ●                 |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Accurate Data Services Inc.                    |                    |  |  |  | ●                 |                   | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Accurate Keypunch Service Inc.                 |                    |  |  |  | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Accutab Data Processing Inc.                   |                    |  |  |  | ●                 |                   |                       |                 | ●                | ●                |                       |                  |                          | ●       |                    | ●           |              |          |
| Ace Software Inc.                              |                    |  |  |  | ●                 | ●                 | ●                     | ●               | ●                |                  | ●                     |                  |                          |         |                    |             | ●            |          |
| ACES Software                                  |                    |  |  |  | ●                 | ●                 |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Acorn Software Products Inc.                   |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Action Data Services                           |                    |  |  |  | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Actuarial Computer Technology Inc.             |                    |  |  |  | ●                 | ●                 | ●                     |                 | ●                | ●                |                       |                  |                          |         |                    |             |              |          |
| ADAC Laboratories                              |                    |  |  |  |                   |                   |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Adelie Corporation                             |                    |  |  |  |                   | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Admins, Inc.                                   |                    |  |  |  |                   | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| ADPAC Corporation                              |                    |  |  |  |                   | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advance Data                                   |                    |  |  |  | ●                 |                   |                       |                 | ●                | ●                |                       |                  |                          |         |                    |             | ●            | ●        |
| Advanced Applications Inc.                     |                    |  |  |  | ●                 | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advanced Computer Communications (ACC)         |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advanced Computer Management Corporation       |                    |  |  |  | ●                 | ●                 | ●                     |                 |                  |                  | ●                     |                  |                          |         |                    |             |              |          |
| Advanced Computer Techniques Corporation (ACT) |                    |  |  |  | ●                 | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advanced Cybernetics, Inc.                     |                    |  |  |  | ●                 | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advanced Data Group                            |                    |  |  |  | ●                 |                   | ●                     |                 | ●                | ●                |                       |                  |                          |         |                    | ●           | ●            |          |
| Advanced Data Institute America                |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advanced Data Management                       |                    |  |  |  | ●                 | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advanced Data Processing Inc.                  |                    |  |  |  | ●                 |                   |                       |                 |                  | ●                |                       | ●                |                          |         |                    |             |              |          |
| Advanced Data Systems, Inc.                    |                    |  |  |  | ●                 | ●                 |                       |                 |                  | ●                |                       |                  |                          |         |                    |             |              |          |
| ADVanced Data Systems, Inc.                    |                    |  |  |  | ●                 | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advanced Legal Software                        |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advanced Management Technologies               |                    |  |  |  |                   | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advanced Medical Systems                       |                    |  |  |  | ●                 |                   |                       | ●               | ●                |                  |                       |                  |                          |         |                    | ●           |              |          |
| Advanced Operating Systems                     |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advanced Software Products                     |                    |  |  |  |                   | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advanced System Applications, Inc.             |                    |  |  |  | ●                 | ●                 |                       |                 | ●                |                  |                       |                  |                          | ●       | ●                  | ●           |              |          |
| Advanced Systems, Incorporated                 |                    |  |  |  |                   |                   | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advanced Technology Systems Inc. (Adtec)       |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advantage Systems, Inc.                        |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advcom   |                    |  |  |  |                   | ●                 |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advent Online Knowledge, Inc.                  |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Advertising Data Systems, Inc.                 |                    |  |  |  |                   |                   |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX        |                    |  |  |  | COMPUTER SERVICES | PROCESSING MODE   | PROCESSING TYPE       |                 |                  | REMOTE COMPUTING |                       |                  |                          |         |                    |             |              |          |
|-------------------------------------|--------------------|--|--|--|-------------------|-------------------|-----------------------|-----------------|------------------|------------------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                        | SERVICES AVAILABLE |  |  |  | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH            | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|                                     |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| ADVO Systems Inc.                   |                    |  |  |  | •                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Adwest Corporation                  |                    |  |  |  |                   |                   | •                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Affiliated Concepts, Inc.           |                    |  |  |  |                   | •                 | •                     | •               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Ag-Data Inc.                        |                    |  |  |  | •                 | •                 |                       |                 |                  | •                |                       |                  |                          |         |                    |             |              |          |
| AGENA Corporation                   |                    |  |  |  | •                 |                   |                       | •               |                  | •                |                       |                  |                          |         |                    |             |              |          |
| AgriData Systems, Inc.              |                    |  |  |  |                   | •                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Agro Systems Corporation            |                    |  |  |  | •                 | •                 | •                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Aims Plus, Inc.                     |                    |  |  |  |                   | •                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| AKRA Data Corporation               |                    |  |  |  | •                 |                   |                       |                 |                  | •                |                       |                  |                          |         |                    |             |              |          |
| Alexander & Alexander, Inc.         |                    |  |  |  | •                 |                   | •                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Allied Data                         |                    |  |  |  | •                 | •                 | •                     | •               | •                | •                |                       |                  |                          |         |                    |             |              |          |
| Allied Information Systems Company  |                    |  |  |  | •                 |                   |                       |                 | •                |                  |                       |                  |                          |         |                    |             |              |          |
| Alpha Beta Data Services, Inc.      |                    |  |  |  | •                 |                   |                       |                 |                  | •                |                       |                  |                          |         |                    |             |              |          |
| Alpha Microsystems                  |                    |  |  |  |                   | •                 |                       | •               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Alpha Software                      |                    |  |  |  |                   | •                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Alpha Systems, Inc.                 |                    |  |  |  |                   | •                 | •                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Alphatext                           |                    |  |  |  | •                 |                   | •                     |                 | •                |                  |                       |                  |                          |         |                    |             |              |          |
| Amcom Data Processing, Inc.         |                    |  |  |  | •                 |                   |                       | •               |                  | •                |                       |                  |                          |         | •                  |             | •            |          |
| Amcor Computer Corporation          |                    |  |  |  |                   | •                 |                       | •               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| American Automated                  |                    |  |  |  | •                 | •                 |                       |                 | •                |                  |                       |                  |                          |         |                    | •           |              |          |
| American Data Services, Inc.        |                    |  |  |  | •                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| American Dynamic Systems & Services |                    |  |  |  |                   | •                 | •                     | •               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| American Educational Computer Inc.  |                    |  |  |  |                   | •                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| American Franklin Company           |                    |  |  |  | •                 | •                 |                       |                 |                  | •                | •                     | •                |                          |         |                    |             |              |          |
| American Information Services, Inc. |                    |  |  |  | •                 | •                 | •                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| American Information Systems        |                    |  |  |  |                   |                   | •                     | •               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| American Integrity System Inc.      |                    |  |  |  |                   | •                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| American Key punch & Systems        |                    |  |  |  | •                 |                   | •                     |                 | •                | •                |                       | •                | •                        |         |                    |             | •            |          |
| American Management Systems, Inc.   |                    |  |  |  | •                 | •                 | •                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| American Resource Information, Inc. |                    |  |  |  | •                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| American Software Corporation       |                    |  |  |  |                   | •                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| American Software, Inc.             |                    |  |  |  | •                 | •                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| American Viking Enterprises Inc.    |                    |  |  |  |                   | •                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Amherst Associates Inc.             |                    |  |  |  | •                 |                   |                       | •               | •                |                  |                       |                  |                          |         | •                  | •           |              |          |
| Ampersand Corporation               |                    |  |  |  | •                 | •                 | •                     | •               | •                |                  | •                     | •                |                          | •       | •                  | •           | •            |          |
| Anacomp, Inc.                       |                    |  |  |  | •                 | •                 | •                     | •               | •                | •                |                       |                  |                          |         |                    |             |              |          |
| Analex Computing, Inc.              |                    |  |  |  |                   | •                 | •                     | •               |                  |                  |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                |                    | COMPUTER SERVICES |                   | PROCESSING MODE       |                 | PROCESSING TYPE  |       |                       | REMOTE COMPUTING |                          |         |                    |             |              |          |
|---|--------------------|-------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                                | SERVICES AVAILABLE | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|   |                    |                   |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Analysis & Computer Systems, Inc.           |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Analysis and Programming Corporation        |                    | ●                 |                   | ●                     |                 | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| Analysis and Technology, Inc.               |                    | ●                 | ●                 | ●                     |                 | ●                | ●     | ●                     |                  | ●                        |         |                    | ●           | ●            |          |
| Analysts International Corporation          |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Analytics Inc.                              |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Anstat, Inc.                                |                    | ●                 |                   |                       |                 | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Apex Data Processing Inc.                   |                    | ●                 | ●                 | ●                     |                 | ●                | ●     | ●                     |                  |                          |         |                    | ●           |              |          |
| Apex Data Systems                           |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Apparel Management Systems                  |                    | ●                 |                   |                       | ●               | ●                |       |                       |                  |                          |         |                    | ●           |              |          |
| Apple Computer                              |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Application Development Systems, Inc.       |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applications Software, Inc.                 |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applicon Inc.                               |                    | ●                 | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Business Systems                    |                    | ●                 |                   |                       |                 | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| Applied Business Systems                    |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Business Systems, Inc.              |                    | ●                 |                   | ●                     | ●               |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Applied Business Technologies Inc.          |                    |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Communications, Inc.                |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Computer Associates, Inc.           |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Computer Enterprises, Inc.          |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Computing Devices                   |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Computing Technologies Inc.         |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Data Research, Inc.                 |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Data Systems, Inc.                  |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Data, Inc. (ADI)                    |                    | ●                 |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Digital Data Systems, Inc.          |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Information Development (AID), Inc. |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Information Dynamics, Inc           |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Information Systems, Inc. (AIS)     |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Intelligence Inc.                   |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Management Sciences                 |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Management Systems Inc.             |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Microcomputer Systems               |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Research Inc.                       |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Applied Software Technology                 |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Apro Systems, Inc.                          |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Aquas Inc.                                  |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                             |                    | COMPUTER SERVICES |                   | PROCESSING MODE       |                 | PROCESSING TYPE  |       |                       | REMOTE COMPUTING |                          |         |                    |             |              |          |
|--|--------------------|-------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME   | SERVICES AVAILABLE | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |                   |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Arbitron   |                    | ●                 |                   |                       |                 | ●                | ●     |                       |                  |                          | ●       | ●                  |             |              |          |
| Arcola Software  |                    | ●                 |                   |                       | ●               | ●                |       |                       |                  |                          |         |                    |             | ●            |          |
| Area Computer Services, Inc.                             |                    | ●                 | ●                 | ●                     | ●               | ●                | ●     | ●                     | ●                |                          |         | ●                  | ●           |              |          |
| Argo Data Resource Corporation                           |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Argonaut Information Systems of Kansas                   |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Argonaut Information Systems, Inc.                       |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Argos  |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Ark Data Systems, Inc.                                   |                    |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Arlington Software & Systems Corporation                 |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Arms, Inc.   |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Arnoudse & Ouellette                                     |                    | ●                 |                   | ●                     |                 |                  |       | ●                     |                  |                          |         |                    |             |              |          |
| Arrigoni Technology, Inc.                                |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Arthur Anderson & Company                                |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Arthur Young & Co.                                       |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Articulate Publications                                  |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Artificial Intelligence Corporation                      |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Artsci, Inc.   |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Ashton-Tate  |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Asist  |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| ASK Computer Systems, Inc.                               |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Aspen Technology   |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Associated Computer Management Specialists, Inc. (ACMSI) |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Associated Computer Services                             |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Associated Credit Services, Inc.                         |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Associated Press   |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Astradyne Computer Industries, Inc.                      |                    | ●                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Atlanta Data Processing Service                          |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Atlantic Data Services, Inc.                             |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Auragen Systems Corporation                              |                    | ●                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Autex Systems  |                    | ●                 |                   |                       |                 | ●                |       |                       |                  |                          |         | ●                  | ●           | ●            |          |
| Authorization Systems Inc.                               |                    | ●                 |                   | ●                     |                 | ●                | ●     | ●                     |                  |                          |         |                    |             |              |          |
| Auto Tell Services, Inc.                                 |                    | ●                 |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Auto-trol Technology Corporation                         |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Autodesk, Inc.   |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Automated Concepts, Inc.                                 |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Automated Design Centers                                 |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Automated Financial Systems Inc.                         |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                 |                       |                   |                       |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
|--|-----------------------|-------------------|-----------------------|-----------------|----------------------|-------|-----------------------|--------------------|--------------------------|---------|---------------------|-------------|--------------|----------|
| COMPANY<br>NAME                              | SERVICES<br>AVAILABLE |                   |                       |                 | COMPUTER<br>SERVICES |       | PROCESSING<br>MODE    | PROCESSING<br>TYPE |                          |         | REMOTE<br>COMPUTING |             |              |          |
|  | PROCESSING            | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING     | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS   | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY  | INTERACTIVE | REMOTE BATCH | DATABASE |
| Automated Language Processing Systems (ALPS) | ●                     | ●                 | ●                     | ●               |                      |       |                       |                    |                          |         |                     |             |              |          |
| Automated Management, Inc.                   | ●                     | ●                 |                       | ●               |                      |       |                       |                    |                          |         |                     |             |              |          |
| Automated Medical Billing Inc.               | ●                     |                   |                       | ●               | ●                    | ●     |                       |                    |                          |         |                     |             |              |          |
| Automated Quill Inc.                         |                       | ●                 |                       | ●               |                      |       |                       |                    |                          |         |                     |             |              |          |
| Automated Science Group, Inc.                | ●                     | ●                 | ●                     | ●               | ●                    |       |                       | ●                  |                          |         |                     | ●           |              |          |
| Automated Systems Consultants Inc. (ASCI)    |                       |                   | ●                     |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| Automated Systems, Inc.                      | ●                     |                   | ●                     | ●               | ●                    | ●     |                       |                    |                          |         |                     |             |              |          |
| Automated Teller Machine Services Group      |                       | ●                 |                       |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| Automatic Business Centers, Inc.             | ●                     |                   |                       |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| Automatic Data Processing Inc.               | ●                     |                   | ●                     | ●               |                      |       |                       |                    |                          |         |                     |             |              |          |
| Autumn Software Corporation                  |                       | ●                 | ●                     | ●               |                      |       |                       |                    |                          |         |                     |             |              |          |
| Auxton Computer Enterprises, Inc.            | ●                     | ●                 | ●                     |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| AVANT-GARDE Computing, Inc.                  |                       |                   |                       | ●               |                      |       |                       |                    |                          |         |                     |             |              |          |
| Avco Computer Services                       | ●                     |                   |                       |                 | ●                    |       |                       |                    |                          |         |                     |             |              |          |
| Aviation Information Services Inc.           | ●                     | ●                 | ●                     | ●               | ●                    | ●     |                       |                    |                          |         |                     | ●           |              |          |
| Axios Group                                  |                       | ●                 | ●                     |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| Axxess Information Systems, Inc.             |                       |                   |                       | ●               |                      |       |                       |                    |                          |         |                     |             |              |          |
| Aya Associates Inc. (AAI)                    |                       | ●                 |                       | ●               |                      |       |                       |                    |                          |         |                     |             |              |          |
| Ayers-Whitmore                               |                       |                   | ●                     |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| Azrex, Inc.                                  |                       | ●                 |                       |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| Aztech Corporation                           | ●                     |                   |                       | ●               |                      |       |                       |                    |                          |         |                     |             |              |          |
| Aztech Data Processing, Inc.                 | ●                     |                   |                       |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| B.K. Dynamics                                |                       |                   | ●                     |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| BA Managistics                               | ●                     |                   |                       |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| BBN Software Products Corporation            |                       | ●                 |                       |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| BDM International, Inc.                      |                       |                   | ●                     |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| BGS Systems, Inc.                            |                       | ●                 | ●                     |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| BIS, Inc. •                                  |                       |                   | ●                     | ●               |                      |       |                       |                    |                          |         |                     |             |              |          |
| BMC Software Inc.                            |                       | ●                 |                       |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| BMS Computer Inc.                            |                       | ●                 |                       |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| BOS National, Inc.                           |                       | ●                 |                       |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| BPI Systems, Inc.                            |                       | ●                 | ●                     |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| BRS  | ●                     | ●                 |                       |                 |                      |       |                       |                    |                          |         |                     |             |              |          |
| BRS Computing Inc.                           | ●                     | ●                 | ●                     | ●               |                      | ●     |                       |                    |                          |         | ●                   |             |              |          |
| BSA Turnkey Corporation                      |                       |                   |                       | ●               |                      |       |                       |                    |                          |         |                     |             |              |          |
| BUC International Corp                       |                       |                   |                       |                 | ●                    |       |                       |                    |                          |         |                     |             |              | ●        |
| Baird Petrophysical Group                    | ●                     |                   |                       |                 |                      |       |                       |                    |                          |         |                     |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                 |                    |                   |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
|--|--------------------|-------------------|-----------------------|-----------------|-------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                                 | SERVICES AVAILABLE |                   |                       |                 | COMPUTER SERVICES |       | PROCESSING MODE       | PROCESSING TYPE  |                          |         | REMOTE COMPUTING   |             |              |          |
|  | PROCESSING         | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING  | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
| Bakco Data Inc.                              |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Balance Computer Corporation                 |                    |                   |                       | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| BancAids                                     |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Bancroft Computer Systems                    |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Bankline, Inc.                               |                    |                   |                       | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Bankmatic Systems, Inc.                      |                    |                   | ●                     | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Bankpro Systems                              |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| BankWire                                     | ●                  |                   |                       |                 | ●                 |       |                       |                  |                          |         |                    | ●           |              |          |
| Baron Data Systems                           |                    |                   |                       | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Barrister Information Systems Corporation    |                    | ●                 | ●                     | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Battelle Memorial Institute                  |                    | ●                 | ●                     | ●               | ●                 |       |                       |                  |                          |         |                    |             |              |          |
| BayBanks Data Services, Inc.                 | ●                  |                   |                       |                 |                   | ●     |                       |                  |                          |         |                    |             |              |          |
| Beacon Data Processing                       | ●                  |                   |                       |                 | ●                 | ●     |                       | ●                |                          |         |                    |             | ●            |          |
| Beck, Thomas Inc.                            |                    |                   | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Bell & Murphy and Associates Inc. (BMA)      | ●                  |                   |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Benefacts Inc.                               | ●                  | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Benetics Corporation                         |                    |                   |                       | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Berman Associates Inc.                       |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Biblos Technology, Inc.                      |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Black, David R & Associates, Inc             |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Bloodstock Research, Inc.                    | ●                  | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Boeing Computer Services Company             | ●                  | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Bolt Beranek and Newman, Inc.                |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Bonner & Moore Computing Company             | ●                  | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Boole & Babbage, Inc.                        |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Booz Allen & Hamilton Inc.                   |                    |                   | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Boston Financial Data Services, Incorporated | ●                  |                   |                       |                 | ●                 | ●     |                       |                  |                          |         |                    | ●           | ●            |          |
| Boston Systems Office (The), Inc.            |                    | ●                 |                       | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Bowne Information Systems, Inc.              | ●                  |                   |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Bradford Business Systems, Inc.              |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Bradford National Corporation                | ●                  | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Bradmark Computer Systems, Inc               |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Brandon Consulting Group, Inc.               |                    |                   | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Brault, Strauchman & Associates, Inc.        | ●                  |                   | ●                     |                 |                   | ●     |                       |                  |                          |         |                    |             |              |          |
| Breuer and Co.                               | ●                  | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Bricmont & Associates, Inc.                  |                    |                   | ●                     | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Bridge, The                                  |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |



# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                     |                    |  |  |  | COMPUTER SERVICES | PROCESSING MODE   | PROCESSING TYPE       |                 |                  | REMOTE COMPUTING |                       |                  |                          |         |                    |             |              |           |
|--|--------------------|--|--|--|-------------------|-------------------|-----------------------|-----------------|------------------|------------------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|-----------|
| COMPANY NAME                                     | SERVICES AVAILABLE |  |  |  | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH            | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASES |
|  |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Bristol Information Systems, Inc.                |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Broderbund Software Inc.                         |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Brokerage Software Systems, Inc.                 |                    |  |  |  | ●                 | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Brokerage Transaction Services Inc.              |                    |  |  |  | ●                 |                   |                       |                 | ●                |                  |                       |                  |                          | ●       | ●                  | ●           | ●            | ●         |
| Brown, Sanders & Associates, Inc.                |                    |  |  |  | ●                 | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Bruning CAD                                      |                    |  |  |  |                   |                   |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Budget Computer Systems                          |                    |  |  |  | ●                 | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Budget Timeshare Inc                             |                    |  |  |  | ●                 | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Burlington Data Processing Inc.                  |                    |  |  |  | ●                 | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Burroughs Corporation                            |                    |  |  |  |                   | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Bush, Lloyd and Associates                       |                    |  |  |  | ●                 | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Business and Professional Software, Inc.         |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Business Application Systems, Inc. (BAS)         |                    |  |  |  |                   | ●                 |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Business Applications Group                      |                    |  |  |  | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Business Automation Inc.                         |                    |  |  |  | ●                 | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Business Computer Center                         |                    |  |  |  |                   |                   |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Business Computer Design                         |                    |  |  |  |                   | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Business Computer Services Inc.                  |                    |  |  |  | ●                 |                   |                       | ●               | ●                |                  | ●                     |                  |                          |         |                    |             |              |           |
| Business Computer Solutions Inc.                 |                    |  |  |  |                   | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Business Information Systems Inc.                |                    |  |  |  | ●                 |                   |                       |                 | ●                |                  |                       |                  |                          |         |                    |             | ●            |           |
| Business Information Systems, Inc.               |                    |  |  |  |                   | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Business Model System, Inc                       |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Business Planning Systems, Inc                   |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Business Service Corporation                     |                    |  |  |  | ●                 |                   |                       |                 |                  | ●                |                       |                  |                          |         |                    |             |              |           |
| Business Services - Global Systems Services 5010 |                    |  |  |  | ●                 | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Business Systems Associates Inc                  |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| Business Systems Inc.                            |                    |  |  |  | ●                 | ●                 |                       |                 | ●                | ●                |                       |                  |                          |         |                    |             |              |           |
| Bytel Corporation                                |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| C.A.C.I., Inc.                                   |                    |  |  |  | ●                 | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| CAE Systems, Inc.                                |                    |  |  |  |                   |                   |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |           |
| CCH Computax Systems, Inc.                       |                    |  |  |  |                   |                   |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |           |
| CCH Computax, Inc.                               |                    |  |  |  | ●                 |                   |                       | ●               | ●                | ●                |                       |                  |                          |         |                    |             |              |           |
| CCX Network, Inc.                                |                    |  |  |  | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| CDP Marketing Information Corporation            |                    |  |  |  | ●                 |                   |                       |                 |                  | ●                |                       |                  |                          |         |                    |             |              |           |
| CDS Systems, Inc.                                |                    |  |  |  |                   | ●                 |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |           |
| CFS, Inc.  |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |
| CGA Computer, Inc.                               |                    |  |  |  |                   | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |           |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                   |                    |  |  | COMPUTER SERVICES | PROCESSING MODE | PROCESSING TYPE   |                       |                 | REMOTE COMPUTING |       |                       |                  |                          |         |                    |             |              |          |
|--|--------------------|--|--|-------------------|-----------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                                   | SERVICES AVAILABLE |  |  |                   | PROCESSING      | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CGG Data Processing Service Inc                |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CGX Corporation                                |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CL Systems Inc.                                |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CMA Micro Computer                             |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CMC Associates Inc                             |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CMC Software                                   |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CMSI   |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CPAids   |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CPS - Medical Billing Systems                  |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CRC Information Systems Inc.                   |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CRCIS Inc.                                     |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CRI  |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CSC Systems Group                              |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CSW, Inc.                                      |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CTEC Inc.                                      |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CTI Limited Inc.                               |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CTS Services Inc                               |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CUC Insurance Services                         |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| C3, Inc.                                       |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| C-S Computer Systems, Inc.                     |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Cable Data                                     |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Cablesare Inc.                                 |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CADAM  |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CADLINC Inc.                                   |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Cadnetix Corporation                           |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Cado Systems of MD, Inc.                       |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CADTRAK  |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Calculon Corporation                           |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| California Interactive Computing, Inc.         |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| California Minicomputer Systems Inc.           |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| California Software, Inc.                      |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| California Systems Associates                  |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Call Computer                                  |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CallData Systems, Inc.                         |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Calma Company                                  |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Calspan Corporation Advanced Technology Center |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Caltec, Inc.                                   |                    |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX       |                       |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
|------------------------------------|-----------------------|-------------------|-----------------------|-----------------|----------------------|--------------------|-----------------------|------------------|--------------------------|---------------------|--------------------|-------------|--------------|----------|
| COMPANY<br>NAME                    | SERVICES<br>AVAILABLE |                   |                       |                 | COMPUTER<br>SERVICES | PROCESSING<br>MODE | PROCESSING<br>TYPE    |                  |                          | REMOTE<br>COMPUTING |                    |             |              |          |
|                                    | PROCESSING            | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING     | BATCH              | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY             | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
| Cambar Business Systems Inc.       |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Camex Systems                      |                       |                   |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Canada Systems Group Limited       | ●                     |                   | ●                     | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Candle Corporation                 |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Cannon Computer Company            | ●                     | ●                 |                       |                 |                      | ●                  |                       |                  |                          |                     |                    |             |              |          |
| Canton Automated Systems, Inc.     | ●                     | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| CAP Gemini DASD, Inc.              |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| CAP Gemini Software Products, Inc. |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| CAP-CPP Inc.                       |                       |                   | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Capcom Systems, Inc.               | ●                     |                   |                       |                 | ●                    |                    |                       |                  |                          |                     |                    |             |              |          |
| Capro Inc.                         |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Capsco Software International      | ●                     | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Cara Corporation                   |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| CARDS Inc.                         | ●                     | ●                 |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Care Computer Systems              | ●                     |                   |                       | ●               |                      | ●                  |                       |                  |                          |                     |                    |             |              |          |
| Care Information Systems Inc       |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Career Systems                     | ●                     |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| CareerSystem Inc.                  | ●                     |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Carleton Corporation               |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Carousel MicroTools                |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Cash Management Systems, Inc.      |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Casper Processors Inc              | ●                     |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Catalactics SunData (CATCO)        | ●                     | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Catalyst Corporation               |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Catalyst USA Inc.                  |                       |                   |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Cbord Group Inc. (The)             | ●                     | ●                 | ●                     | ●               | ●                    | ●                  |                       |                  |                          |                     |                    | ●           | ●            |          |
| Cdex Corporation                   |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Centec Corporation                 |                       |                   | ●                     | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Centennial Computer Services Inc.  | ●                     | ●                 |                       | ●               | ●                    |                    | ●                     |                  |                          |                     |                    |             | ●            |          |
| Centex                             |                       |                   |                       | ●               |                      |                    |                       |                  |                          |                     | ●                  |             |              |          |
| Central Credit                     | ●                     |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Central Data Processing Inc.       | ●                     |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Central Data Processing Inc.       | ●                     |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Central Systems Incorporated       |                       | ●                 |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Century Analysis Inc.              |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Century Associates                 |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Cerritos Computer Services         |                       | ●                 |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX             |                    | COMPUTER SERVICES |                   | PROCESSING MODE       |                 | PROCESSING TYPE  |       |                       | REMOTE COMPUTING |                          |         |                    |             |              |          |
|--|--------------------|-------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                             | SERVICES AVAILABLE | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |                   |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Chain Store Systems Ltd                  |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Champion Service Corporation             |                    | ●                 |                   |                       |                 | ●                |       |                       |                  |                          | ●       | ●                  | ●           |              |          |
| Chancellor Computer Corp.                |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Chang Laboratories Inc.                  |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Charter Information Corp                 |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Chase-TCMS                               |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Cheltonian Inc.                          |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Chemical Abstracts Services (CAS)        |                    | ●                 |                   |                       |                 | ●                |       |                       |                  |                          |         |                    |             |              | ●        |
| Chemshare Corp.                          |                    | ●                 | ●                 |                       | ●               | ●                |       |                       |                  | ●                        |         |                    | ●           |              |          |
| Chi/Cor Information Management, Inc.     |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Chilton Corporation                      |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CHIPS, Inc.                              |                    | ●                 | ●                 | ●                     | ●               |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Christensen, Laurits R. Associates, Inc. |                    |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Christian Rousing Computer Systems       |                    |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Chubb & Son, Inc.                        |                    | ●                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Cincom Systems, Inc.                     |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Circle Computer Services                 |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Circle Software Corporation              |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CISInetwork Corporation                  |                    | ●                 |                   | ●                     |                 | ●                | ●     |                       |                  |                          |         |                    | ●           | ●            | ●        |
| Citicorp                                 |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Citizens Data Center Department          |                    | ●                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Citizens Financial Corporation           |                    | ●                 |                   |                       |                 | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Claritas                                 |                    | ●                 |                   |                       |                 | ●                |       |                       |                  |                          |         |                    |             |              | ●        |
| Cliff Data Systems, Inc.                 |                    | ●                 | ●                 | ●                     | ●               | ●                | ●     | ●                     |                  |                          |         |                    | ●           | ●            | ●        |
| Coastal Information Systems, Inc.        |                    | ●                 | ●                 | ●                     |                 | ●                |       | ●                     |                  |                          |         |                    | ●           |              |          |
| Cogito Data Systems, Inc.                |                    | ●                 |                   | ●                     | ●               | ●                | ●     |                       |                  |                          | ●       | ●                  | ●           | ●            |          |
| Cognitive Systems, Inc.                  |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Cognos Corporation                       |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Cognos Incorporated                      |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Cole-Layer-Trumble Co.                   |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Collier-Jackson, Inc.                    |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Colonial Mortgage Service Company        |                    | ●                 |                   |                       |                 | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Columbia Computing Services, Ltd.        |                    | ●                 | ●                 |                       |                 | ●                | ●     |                       |                  |                          |         |                    | ●           |              |          |
| Columbia Computing services, Inc.        |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Com Code Corporation                     |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| COM-MAIL                                 |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| COM-MED                                  |                    | ●                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                   |                    |   |   | COMPUTER SERVICES | PROCESSING MODE | PROCESSING TYPE   |                       |                 | REMOTE COMPUTING |       |                       |                  |                          |         |                    |             |              |          |
|--|--------------------|---|---|-------------------|-----------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                                   | SERVICES AVAILABLE |   |   |                   | PROCESSING      | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |   |   |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Com-Pro Division Of Meszaros                   |                    |   |   |                   |                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Comarco, Inc.                                  |                    |   |   |                   |                 |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Comcheq Services Ltd.                          | ●                  | ● |   |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Comdata Network, Inc.                          | ●                  |   |   |                   |                 |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Comm-Pro Associates                            |                    | ● | ● |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Command Control And Communications Corporation |                    |   |   | ●                 |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Commercial Data Corp.                          | ●                  | ● |   |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Commercial Programming Services Inc            |                    |   | ● |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Commercial Resources                           | ●                  | ● |   |                   |                 |                   |                       |                 |                  | ●     | ●                     |                  |                          |         |                    |             |              |          |
| Commercial Software, Inc.                      |                    | ● | ● |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Commercial Systems, Inc.                       | ●                  |   |   |                   |                 |                   |                       |                 |                  |       |                       | ●                |                          |         | ●                  |             |              |          |
| Commercial Timesharing Inc.                    |                    |   | ● |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Commodity Information Services Co. (CISCO)     | ●                  | ● | ● | ●                 | ●               |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Communications Computer Services Inc           | ●                  |   |   |                   |                 | ●                 |                       |                 |                  |       |                       | ●                |                          |         |                    |             |              |          |
| Communications Processing Group Inc.           | ●                  | ● |   | ●                 |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Communications Research Group                  |                    |   | ● |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Communications Solutions Inc.                  |                    |   | ● | ●                 |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| COMNET Information Systems                     | ●                  |   |   |                   |                 | ●                 |                       |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Comp Info Inc.                                 |                    | ● | ● | ●                 | ●               |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Comp-U-Card International Inc.                 | ●                  |   |   |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Comp-U-Check, Inc.                             | ●                  |   |   |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Comp-u-Staff, Inc.                             |                    |   |   | ●                 |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Compata, Inc.                                  |                    |   | ● | ●                 |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Compeda Inc.                                   |                    |   | ● |                   |                 |                   |                       |                 |                  |       |                       |                  | ●                        |         | ●                  |             |              |          |
| Compensation Resources, Inc. (CRI)             |                    |   | ● | ●                 |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Complete Computer Systems                      |                    |   | ● | ●                 | ●               |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Comptek Research Inc.                          |                    |   |   | ●                 | ●               |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Compu-Link Corporation                         | ●                  |   |   | ●                 |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Compu-Share, Inc.                              | ●                  | ● |   |                   | ●               | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    | ●           |              |          |
| Compu-Tome, Inc.                               |                    |   | ● |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Compucare, Inc.                                |                    |   | ● | ●                 | ●               |                   |                       |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Compucon, Inc.                                 |                    |   | ● | ●                 |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Compufact                                      |                    |   |   |                   | ●               |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Compumax, Inc.                                 |                    |   | ● | ●                 | ●               |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CompuMed/Systemedics                           | ●                  |   |   |                   |                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Compupower Corporation                         |                    |   |   |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CompuServe Incorporated                        | ●                  | ● | ● |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                             |                    | COMPUTER SERVICES |                   | PROCESSING MODE       |                 | PROCESSING TYPE  |       |                       | REMOTE COMPUTING |                          |         |                    |             |              |          |
|--|--------------------|-------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME   | SERVICES AVAILABLE | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |                   |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| CompuShop  |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computab Inc.  |                    | ●                 |                   |                       |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Compute-R-Systems, Inc.                                  |                    | ●                 |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computech Corporation                                    |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| ComputeK Computing Corporation                           |                    | ●                 |                   |                       | ●               |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Computer Aided Manufacturing- International, Inc (CAM-I) |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Application Systems Inc.                        |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Applications Corporation                        |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Applied Systems Inc.                            |                    | ●                 |                   |                       | ●               | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| Computer Assistance International, Inc.                  |                    | ●                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Associates International, Inc.                  |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Associates Inc.                                 |                    | ●                 | ●                 |                       | ●               | ●                | ●     | ●                     | ●                |                          |         |                    | ●           | ●            |          |
| Computer Center, Inc.                                    |                    | ●                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Center, The                                     |                    | ●                 | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Company (The)                                   |                    | ●                 |                   |                       |                 | ●                | ●     | ●                     |                  |                          |         |                    |             |              |          |
| Computer Concepts and Services, Inc.                     |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Consoles, Inc.                                  |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Controls, Inc.                                  |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Corporation of America, Inc.                    |                    | ●                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Corral  |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Cost Control Corporation                        |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Covenant Corporation                            |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Curriculum Corporation                          |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Data Processing Inc.                            |                    | ●                 |                   |                       |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Computer Data Systems, Inc.                              |                    | ●                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Designed Systems, Inc.                          |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Directions Advisors Inc. (CDA)                  |                    | ●                 | ●                 |                       |                 | ●                |       |                       |                  |                          |         |                    |             |              | ●        |
| Computer Dynamics Inc.                                   |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Education Techniques, Inc.                      |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Generation Inc.                                 |                    |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Horizons Corporation                            |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Income Planning Corp.                           |                    | ●                 |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Innovations                                     |                    | ●                 | ●                 | ●                     |                 | ●                |       |                       | ●                | ●                        | ●       | ●                  | ●           | ●            |          |
| Computer Input Corporation                               |                    | ●                 | ●                 | ●                     | ●               | ●                |       |                       | ●                |                          |         | ●                  | ●           | ●            |          |
| Computer Input Services, Inc.                            |                    | ●                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Language Research, Inc.                         |                    | ●                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Computer Management Corporation                          |                    | ●                 | ●                 |                       | ●               | ●                | ●     |                       |                  |                          |         |                    | ●           | ●            |          |

# CAMP COMPUTER SERVICES INDEX

| COMPANY NAME   | SERVICES AVAILABLE |                   |                       |                |                  |       |                       |                  |                          |         | COMPUTER SERVICES  | PROCESSING MODE | PROCESSING TYPE | REMOTE COMPUTING |
|--|--------------------|-------------------|-----------------------|----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-----------------|-----------------|------------------|
|  | PROCESSING         | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE     | REMOTE BATCH    | DATABASE         |
| Computer Management Dynamics, Inc.                     |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Modeling, Inc.                                |                    | •                 | •                     | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Network Corporation                           | •                  | •                 | •                     |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Partners, Inc.                                |                    |                   | •                     |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Power Corp.                                   | •                  | •                 | •                     | •              | •                | •     |                       |                  |                          |         |                    | •               | •               |                  |
| Computer Power Inc.                                    | •                  | •                 | •                     |                | •                |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Procedures Corp.                              | •                  |                   |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Processing Institute                          |                    |                   | •                     |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Representatives, Inc. (CRI)                   |                    | •                 | •                     |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Research, Inc.                                | •                  |                   |                       |                |                  | •     |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Resources International                       |                    | •                 |                       | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Resources Corporation                         | •                  | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Results Corporation                           | •                  |                   |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Sciences Corporation                          | •                  |                   | •                     | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Services International Corporation            |                    | •                 | •                     |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Services Associates                           |                    | •                 | •                     | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Services by Arens                             |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Services Corporation                          | •                  | •                 |                       | •              | •                |       |                       |                  |                          |         | •                  | •               | •               |                  |
| Computer Services, Inc.                                | •                  | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Sharing Corporation                           | •                  | •                 |                       | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Sharing Services Inc.                         | •                  |                   |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Synergy, Inc.                                 |                    |                   |                       | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer System Architects, Inc.                       |                    | •                 | •                     |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer System Programming for the Fashion World Inc. | •                  |                   |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Systems Development, Inc.                     |                    |                   | •                     |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Systems Design, Inc.                          | •                  | •                 | •                     |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Systems Engineering                           |                    |                   |                       | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Systems Group, Inc.                           |                    |                   |                       | •              | •                | •     | •                     |                  |                          |         | •                  | •               | •               |                  |
| Computer Task Group Inc.                               | •                  | •                 | •                     | •              |                  | •     |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Technology Associates                         |                    | •                 | •                     | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Time Services                                 | •                  |                   |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Usage Company                                 |                    | •                 |                       | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computer Utilities of Cleveland, Inc.                  | •                  |                   |                       | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| ComputerAided Design Resources, Inc.                   | •                  |                   |                       | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computeristics, Inc.                                   | •                  | •                 |                       | •              |                  | •     |                       |                  |                          |         |                    |                 |                 |                  |
| Computerized Admission Systems, Inc.                   |                    | •                 | •                     | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Computerized Business Systems                          | •                  |                   |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |



# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                         |                    |                   |                       |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
|--|--------------------|-------------------|-----------------------|-----------------|-------------------|-----------------|-----------------------|------------------|--------------------------|------------------|--------------------|-------------|--------------|----------|
| COMPANY NAME   | SERVICES AVAILABLE |                   |                       |                 | COMPUTER SERVICES | PROCESSING MODE | PROCESSING TYPE       |                  |                          | REMOTE COMPUTING |                    |             |              |          |
|  | PROCESSING         | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING  | BATCH           | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY          | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
| Computerized Office Services, Inc                    |                    | ●                 | ●                     |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Computers for Business, Inc.                         | ●                  | ●                 |                       | ●               |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Computervision Corporation                           |                    |                   |                       | ●               |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Computing Productivity, Inc.                         |                    | ●                 |                       |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Computone Systems Incorporated                       | ●                  | ●                 |                       | ●               |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Computoservice, Inc.                                 | ●                  | ●                 | ●                     | ●               |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Computrac Inc.                                       |                    |                   |                       | ●               |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Computrol, Inc.                                      |                    | ●                 | ●                     |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Computron Technology Company Inc.                    |                    | ●                 | ●                     |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| CompuVision  |                    | ●                 |                       |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Compuware Corporation                                |                    |                   | ●                     | ●               |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Comsen Inc.  |                    | ●                 |                       |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Comserv Corporation                                  | ●                  | ●                 | ●                     |                 | ●                 | ●               |                       |                  |                          |                  |                    |             |              |          |
| Comshare, Inc.                                       | ●                  | ●                 | ●                     |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Comspec Exploration                                  | ●                  |                   |                       |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Comtec   |                    | ●                 |                       | ●               |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Comtech Group International Ltd.                     | ●                  | ●                 |                       |                 | ●                 | ●               |                       | ●                |                          |                  | ●                  | ●           | ●            |          |
| ComTech Systems, Inc.                                |                    |                   | ●                     |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Comtrac Inc.   | ●                  |                   |                       |                 |                   | ●               |                       |                  |                          |                  |                    |             |              |          |
| Comvestrix Corporation                               | ●                  |                   |                       |                 |                   | ●               |                       |                  |                          |                  |                    |             |              |          |
| Concept Systems, Inc.                                |                    |                   |                       | ●               |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Concord Computing Corporation                        | ●                  |                   |                       | ●               | ●                 |                 |                       |                  |                          | ●                | ●                  |             |              | ●        |
| Condata, Inc.  | ●                  | ●                 |                       |                 | ●                 | ●               |                       |                  |                          |                  |                    |             | ●            |          |
| Condor Computer Corp.                                |                    | ●                 |                       |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Condor Corporation, The                              |                    | ●                 | ●                     |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Consco Enterprises, Inc.                             |                    | ●                 |                       |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Consilium Associates, Inc.                           |                    | ●                 |                       |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Consolidated Computer Corp.                          | ●                  |                   |                       |                 |                   | ●               |                       |                  |                          |                  |                    |             |              |          |
| Construction Computer Control Inc.                   | ●                  | ●                 | ●                     |                 | ●                 | ●               |                       |                  |                          | ●                | ●                  | ●           | ●            |          |
| Construction Information Systems                     | ●                  | ●                 | ●                     |                 |                   | ●               |                       |                  |                          | ●                | ●                  | ●           |              |          |
| Construction Systems Assoc.                          |                    | ●                 | ●                     | ●               |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Consultants for Information Resource Management Inc. |                    | ●                 | ●                     | ●               |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Consultec  | ●                  |                   | ●                     | ●               |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Consultech Associates, Inc.                          |                    | ●                 | ●                     |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Consumer Systems Services Group, Inc.                | ●                  | ●                 | ●                     |                 | ●                 |                 |                       |                  |                          | ●                |                    |             |              |          |
| Contel Data Services Corporation                     | ●                  | ●                 | ●                     |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |
| Contel Information Systems, Inc.                     |                    |                   | ●                     |                 |                   |                 |                       |                  |                          |                  |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX             |                    |  |  |  | COMPUTER SERVICES |                   | PROCESSING MODE       |                 | PROCESSING TYPE  |       | REMOTE COMPUTING      |                  |                          |         |                    |             |              |          |
|--|--------------------|--|--|--|-------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                             | SERVICES AVAILABLE |  |  |  | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |  |  |  |                   |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Context Management Systems               |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Continental Computer Services, Inc.      |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Continental Data Processing, Inc.        |                    |  |  |  |                   | ●                 | ●                     |                 | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| Continental Healthcare Systems, Inc.     |                    |  |  |  |                   |                   |                       | ●               | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Continental Information Systems          |                    |  |  |  |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Continental Software                     |                    |  |  |  |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Continuum Company, Inc., The             |                    |  |  |  |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Control Analysis Corporation             |                    |  |  |  |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Control Data Corporation                 |                    |  |  |  |                   | ●                 | ●                     | ●               | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Conversions, Inc.                        |                    |  |  |  |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Convey Associates                        |                    |  |  |  |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Convey Company, Inc.                     |                    |  |  |  |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Cook Data Services, Inc.                 |                    |  |  |  |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Coopers and Lybrand                      |                    |  |  |  |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Corgill-Meyer and Associates             |                    |  |  |  |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Cornell Computer Corporation             |                    |  |  |  |                   |                   | ●                     | ●               | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Cornwell, Robert Associates              |                    |  |  |  |                   | ●                 | ●                     |                 |                  | ●     | ●                     |                  |                          |         |                    |             | ●            |          |
| Corodale Incorporated                    |                    |  |  |  |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Corporate Data Systems                   |                    |  |  |  |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Corporate Systems                        |                    |  |  |  |                   | ●                 |                       | ●               |                  | ●     |                       |                  |                          |         |                    | ●           | ●            | ●        |
| Corporate-TECH Planning, Inc.            |                    |  |  |  |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Corstar Business Computing Company, Inc. |                    |  |  |  |                   | ●                 | ●                     | ●               | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Cortex Corporation                       |                    |  |  |  |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Cost Systems Engineers                   |                    |  |  |  |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Courseware Applications Inc.             |                    |  |  |  |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Coverdale Associates, Inc.               |                    |  |  |  |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Creative Management Systems Inc          |                    |  |  |  |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Creative Output                          |                    |  |  |  |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Creative Socio-Medics, Corp. (CSM)       |                    |  |  |  |                   |                   | ●                     | ●               | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Creative Software Concepts Inc.          |                    |  |  |  |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Credit Bureau Inc. of Georgia            |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Ctrac Computer Services                  |                    |  |  |  |                   | ●                 | ●                     | ●               | ●                | ●     |                       | ●                |                          |         |                    | ●           |              |          |
| Cullinet Software                        |                    |  |  |  |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Cumberland Software Inc.                 |                    |  |  |  |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Custom Application Systems, Inc.         |                    |  |  |  |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Custom Computer Services                 |                    |  |  |  |                   | ●                 | ●                     | ●               | ●                | ●     |                       | ●                | ●                        |         |                    | ●           | ●            | ●        |
| Custom Computer Services, Inc.           |                    |  |  |  |                   | ●                 | ●                     | ●               | ●                |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX              |                    |                   |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
|---|--------------------|-------------------|-----------------------|-----------------|-------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|------------------|--------------|----------|
| COMPANY NAME                              | SERVICES AVAILABLE |                   |                       |                 | COMPUTER SERVICES |       | PROCESSING MODE       |                  | PROCESSING TYPE          |         |                    | REMOTE COMPUTING |              |          |
|   | PROCESSING         | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING  | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE      | REMOTE BATCH | DATABASE |
| Cutler-Williams, Inc.                     |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Cyber Data Systems                        |                    | ●                 |                       | ●               |                   |       |                       |                  |                          |         |                    |                  |              |          |
| CYBERNET                                  | ●                  |                   |                       | ●               | ●                 |       |                       | ●                | ●                        | ●       | ●                  | ●                | ●            | ●        |
| Cybernetics and Systems Inc.              | ●                  | ●                 | ●                     | ●               | ●                 | ●     | ●                     | ●                |                          |         | ●                  | ●                |              |          |
| Cybernetics System International Corp     | ●                  | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Cybershare Ltd.                           | ●                  | ●                 |                       |                 | ●                 | ●     | ●                     |                  |                          |         |                    | ●                | ●            |          |
| Cybertek Computer Products, Inc.          | ●                  | ●                 | ●                     | ●               |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Cyborg Systems, Inc.                      |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Cycare Systems, Inc.                      | ●                  |                   |                       | ●               | ●                 |       |                       |                  |                          |         |                    | ●                | ●            |          |
| Cycom Corporation                         |                    |                   |                       | ●               |                   |       |                       |                  |                          |         |                    |                  |              |          |
| CYMA Corporation                          |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Cytrol, Incorporated                      |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| D.E.S. Inc.                               | ●                  |                   |                       |                 |                   | ●     |                       |                  |                          |         |                    |                  |              |          |
| D-NET                                     |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| DBA Systems, Inc.                         |                    |                   | ●                     | ●               |                   |       |                       |                  |                          |         |                    |                  |              |          |
| DBMS, Inc.                                | ●                  | ●                 | ●                     | ●               | ●                 |       | ●                     |                  |                          |         |                    | ●                | ●            |          |
| DCD Company                               |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| DDP Systems, Inc.                         |                    | ●                 |                       | ●               |                   |       |                       |                  |                          |         |                    |                  |              |          |
| DMI Systems, Inc.                         | ●                  |                   |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| DMR & Associates Ltd.                     |                    |                   | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| DMW Group, Inc.                           | ●                  | ●                 |                       |                 | ●                 |       |                       |                  |                          |         |                    | ●                | ●            |          |
| DNA Systems, Inc.                         |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| DPC Corporation                           | ●                  |                   |                       |                 |                   | ●     | ●                     |                  |                          |         |                    |                  |              |          |
| DPEX, Incorporated                        |                    |                   | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| DPX Inc.                                  |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| DST Systems, Inc.                         | ●                  |                   |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| DTSS Incorporated                         | ●                  | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    | ●                |              |          |
| DYX Corporation                           |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| D&B Computing Services, Inc.              | ●                  | ●                 |                       |                 | ●                 |       |                       |                  |                          |         |                    |                  |              |          |
| Da-Tronics, Inc.                          | ●                  |                   |                       | ●               | ●                 | ●     |                       |                  |                          |         |                    |                  |              |          |
| Dacor, Inc.                               |                    | ●                 | ●                     | ●               |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Dagar Software/Software Development Corp. |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Daisy Systems Corporation                 |                    |                   |                       | ●               |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Dalgety, Inc.                             | ●                  |                   | ●                     |                 | ●                 |       |                       |                  |                          |         |                    | ●                |              |          |
| Daly & Wolcott, Inc.                      |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Damas Office of Tetra Tech Services, Inc. |                    | ●                 | ●                     | ●               |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Dapsco, Inc.                              |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |

# CAMP COMPUTER SERVICES INDEX

| COMPANY NAME                          | SERVICES AVAILABLE |                 |                 |                  |            |                   |                       |                 |                  |       |                       |
|---------------------------------------|--------------------|-----------------|-----------------|------------------|------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|
|                                       | COMPUTER SERVICES  | PROCESSING MODE | PROCESSING TYPE | REMOTE COMPUTING | PROCESSING | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT |
| Darcor                                |                    |                 |                 |                  |            | ●                 |                       |                 |                  |       |                       |
| Dash Group, Inc.                      |                    |                 |                 |                  |            | ●                 |                       |                 |                  |       |                       |
| Data Access Corporation               |                    |                 |                 |                  |            | ●                 |                       |                 |                  |       |                       |
| Data Architects, Inc.                 |                    |                 |                 |                  |            | ●                 | ●                     |                 |                  |       |                       |
| Data Base Logic Inc.                  |                    |                 |                 |                  |            | ●                 | ●                     |                 |                  |       |                       |
| Data Base Management, Inc.            |                    |                 |                 |                  |            | ●                 | ●                     | ●               |                  |       |                       |
| Data Basics Corp.                     |                    |                 |                 |                  |            | ●                 | ●                     | ●               |                  |       |                       |
| Data Belt Corporation                 | ●                  |                 |                 |                  | ●          |                   | ●                     | ●               |                  | ●     | ●                     |
| Data Communications Corporation       | ●                  | ●               |                 |                  |            |                   |                       |                 |                  |       |                       |
| Data Composition Services Inc.        | ●                  |                 |                 |                  |            |                   |                       |                 |                  |       |                       |
| Data Computing Corporation            | ●                  |                 |                 |                  |            |                   |                       |                 |                  | ●     |                       |
| Data Concepts                         |                    |                 |                 |                  |            | ●                 | ●                     | ●               |                  |       |                       |
| Data Consultants Inc.                 | ●                  | ●               |                 |                  |            | ●                 | ●                     | ●               |                  | ●     |                       |
| Data Counts                           |                    |                 |                 |                  |            |                   | ●                     | ●               |                  |       |                       |
| Data Courier, Inc.                    | ●                  |                 |                 |                  |            |                   |                       |                 |                  |       |                       |
| Data Design Associates, Inc.          |                    |                 |                 |                  |            | ●                 |                       |                 |                  |       |                       |
| Data Directions, Inc.                 |                    |                 |                 |                  |            | ●                 | ●                     | ●               |                  |       |                       |
| Data Flow Inc.                        | ●                  |                 |                 |                  |            |                   |                       |                 |                  | ●     |                       |
| Data General Corporation              |                    |                 |                 |                  |            | ●                 | ●                     | ●               |                  |       |                       |
| Data I/O Corporation                  |                    |                 |                 |                  |            | ●                 |                       |                 |                  |       |                       |
| Data Inc.                             | ●                  | ●               |                 |                  | ●          | ●                 | ●                     | ●               |                  |       |                       |
| Data Index Incorporated               |                    |                 |                 |                  |            | ●                 | ●                     | ●               |                  |       |                       |
| Data Law Co.                          |                    |                 |                 |                  |            | ●                 |                       | ●               |                  |       |                       |
| Data Management Inc.                  | ●                  |                 |                 |                  |            |                   |                       | ●               |                  |       |                       |
| Data Marc Inc.                        |                    |                 |                 |                  |            | ●                 |                       |                 |                  |       |                       |
| Data Processing & Accounting Services | ●                  |                 |                 |                  |            |                   |                       |                 |                  | ●     |                       |
| Data Processing Center Inc.           | ●                  |                 |                 |                  |            |                   |                       |                 | ●                | ●     |                       |
| Data Processing Consultants           |                    |                 |                 |                  |            | ●                 | ●                     | ●               |                  |       |                       |
| Data Processing Design, Inc.          |                    |                 |                 |                  |            | ●                 | ●                     | ●               |                  |       |                       |
| Data Processing Educational Corp.     |                    |                 |                 |                  |            |                   | ●                     |                 |                  |       |                       |
| Data Processing Services Inc.         | ●                  |                 |                 |                  |            |                   |                       |                 | ●                | ●     |                       |
| Data Processing Services of Findlay   | ●                  |                 |                 |                  |            |                   |                       |                 |                  |       |                       |
| Data Resources, Inc.                  | ●                  |                 |                 |                  |            |                   | ●                     |                 |                  |       |                       |
| Data Retrieval Corporation Of America | ●                  | ●               |                 |                  |            | ●                 | ●                     |                 |                  | ●     |                       |
| Data Solutions Inc.                   |                    |                 |                 |                  |            |                   |                       | ●               |                  |       |                       |
| Data South Of Louisiana, Inc.         | ●                  |                 |                 |                  |            |                   |                       | ●               |                  |       |                       |
| Data Systems Corporation              | ●                  | ●               |                 |                  |            | ●                 |                       |                 |                  |       |                       |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX |                    |                   |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
|------------------------------|--------------------|-------------------|-----------------------|-----------------|-------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                 | SERVICES AVAILABLE |                   |                       |                 | COMPUTER SERVICES |       | PROCESSING MODE       | PROCESSING TYPE  |                          |         | REMOTE COMPUTING   |             |              |          |
|                              | PROCESSING         | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING  | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
| Data Systems for Industry    |                    | ●                 |                       | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Data Systems of Baton Rouge  |                    | ●                 |                       | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Data Systems, Inc.           | ●                  |                   |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Data Systems, Inc.           | ●                  |                   |                       |                 | ●                 | ●     |                       |                  |                          |         |                    | ●           |              |          |
| Data Tek, Incorporated       |                    | ●                 | ●                     | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Data Ten, Inc.               | ●                  | ●                 |                       |                 | ●                 | ●     |                       |                  |                          |         |                    |             |              |          |
| Data Train, Inc.             |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Data Universal Corp.         | ●                  |                   | ●                     |                 |                   | ●     |                       |                  |                          |         |                    |             |              |          |
| Data 21                      |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Data 3 Systems               |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Data-Mate Inc.               |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Data-Tax, Inc.               |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Data-Tek Corporation         | ●                  | ●                 | ●                     | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Data-Tronics Corporation     | ●                  |                   |                       |                 | ●                 | ●     |                       |                  |                          |         |                    | ●           | ●            |          |
| Database Design Inc.         |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Datacare, Inc.               | ●                  | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Dataco Computer Services     | ●                  | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Datacom Systems Corporation  | ●                  | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Datacomp Corporation         | ●                  | ●                 | ●                     | ●               | ●                 |       | ●                     |                  |                          |         |                    |             |              |          |
| Datacor Services Inc.        | ●                  | ●                 |                       |                 | ●                 |       |                       |                  |                          |         |                    | ●           | ●            |          |
| Datacrown Inc.               | ●                  |                   |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Dataflow Systems, Inc.       |                    |                   | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Dataguard Corporation        |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Datair Systems Corporation   |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Datalax Company              |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Datalift Corporation         | ●                  | ●                 |                       |                 | ●                 | ●     | ●                     |                  |                          |         |                    |             |              |          |
| Dataline Corporation         |                    |                   |                       | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Dataline Systems Ltd.        | ●                  |                   | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Datalink Systems Inc.        | ●                  | ●                 |                       |                 | ●                 |       |                       | ●                |                          |         |                    | ●           | ●            |          |
| Datamap, Inc.                | ●                  | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Datamatic                    | ●                  | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Datamatics                   |                    | ●                 | ●                     | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Datamatics Inc.              | ●                  |                   | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |
| Datamation Inc.              | ●                  |                   |                       | ●               | ●                 | ●     |                       |                  |                          |         |                    |             | ●            |          |
| DataMed Systems Corporation  |                    |                   |                       | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Datamedic                    |                    |                   |                       | ●               |                   |       |                       |                  |                          |         |                    |             |              |          |
| Datanetics                   | ●                  | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                              |                    | COMPUTER SERVICES |                   | PROCESSING MODE       |                 | PROCESSING TYPE  |       |                       | REMOTE COMPUTING |                          |         |                    |             |              |          |
|---|--------------------|-------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME  | SERVICES AVAILABLE | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|   |                    |                   |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Datanetwork, Inc.   |                    | ●                 |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Datanex, Inc.   |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dataplex Company  |                    | ●                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dataslink Business Systems, Inc.                          |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Datatab Inc.  |                    | ●                 |                   |                       |                 | ●                | ●     |                       |                  |                          |         |                    | ●           | ●            |          |
| Datatel Inc.  |                    | ●                 |                   |                       | ●               | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Datatend, Inc.  |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Datatronic Systems Corporation Computer Sciences Division |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  | ●                        |         |                    |             |              |          |
| Datec, Inc.   |                    | ●                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Datek Insta Card Corporation                              |                    | ●                 |                   |                       |                 | ●                |       |                       |                  |                          |         |                    | ●           |              |          |
| Datex Inc.  |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Datronic Systems, Inc.                                    |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Datronics, Inc.   |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Davidson Associates                                       |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Davidson Software Systems                                 |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dawson Geophysical Company                                |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dealer Information Systems                                |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| DeBugge Computer Services Inc.                            |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Decimus Corporation                                       |                    | ●                 |                   |                       |                 | ●                | ●     |                       |                  |                          |         |                    | ●           | ●            |          |
| Decision Consultants Inc.                                 |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Decision Focus Inc.                                       |                    | ●                 | ●                 | ●                     | ●               | ●                |       |                       |                  |                          |         |                    | ●           | ●            |          |
| Decision Graphics   |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Decision Products Services, Inc                           |                    | ●                 | ●                 | ●                     | ●               |                  | ●     | ●                     |                  |                          |         |                    | ●           | ●            |          |
| Decision Resources Corporation                            |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Decision Resources, Inc.                                  |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Decision Sciences Corporation                             |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Decision Systems, Inc.                                    |                    | ●                 | ●                 | ●                     | ●               |                  | ●     |                       |                  |                          |         |                    | ●           | ●            |          |
| Decisionex, Inc.  |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Decisions Development Inc.                                |                    | ●                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Del Bron Inc.   |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Del Rey Systems, Inc.                                     |                    |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Del-Data Computer Services                                |                    | ●                 | ●                 | ●                     | ●               | ●                | ●     |                       |                  |                          |         |                    |             | ●            |          |
| Deloitte Haskins & Sells                                  |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Delphi Associates, Inc.                                   |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Delphi Data Systems, Inc.                                 |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Delphi Systems Inc.                                       |                    | ●                 | ●                 | ●                     | ●               | ●                |       |                       |                  |                          |         |                    | ●           | ●            |          |
| Densichron Division                                       |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                   |                    | COMPUTER SERVICES |                   | PROCESSING MODE       |                 | PROCESSING TYPE  |       |                       | REMOTE COMPUTING |                          |         |                    |             |              |          |
|--|--------------------|-------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                                   | SERVICES AVAILABLE | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |                   |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Denver Processing Center, Inc.                 |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Denver Software Company, The                   |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Design Aids, Inc.                              |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Design Consultants, Inc.                       |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Designers & Builders of Information Systems    |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| DesignWare                                     |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Desk Top Financial Solutions Inc               |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Development Systems International              |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dexel Systems Corporation                      |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dial, D.H. & Company                           |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dialog Information Services, Inc.              |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dialogue Inc.                                  |                    | ●                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Digicon Inc.                                   |                    | ●                 | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Digidat Systems Inc.                           |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Digital Datacom Inc.                           |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Digital Equipment Corporation                  |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Digital Information Systems Corporation (DISC) |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Digital Marketing Corporation                  |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Digital Microsystems                           |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Digital Research Inc.                          |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Digital Resources Corporation                  |                    | ●                 |                   | ●                     | ●               |                  | ●     |                       |                  |                          | ●       | ●                  |             |              |          |
| Digital Systems of Florida, Inc.               |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Digitgraph Computers Systems Co                |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dimension Systems Corp.                        |                    |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| DIMIS, Inc.                                    |                    |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| DIRECT, Incorporated                           |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Directions Inc.                                |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| DISC, Inc.                                     |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dispersed Software Systems, Inc. (DSS)         |                    | ●                 | ●                 | ●                     | ●               | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Display Data Corporation                       |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Distribution & Retail Systems Division         |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Distribution Management Systems, Inc.          |                    |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Distribution Research Associates, Inc.         |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Distribution Sciences Inc.                     |                    | ●                 | ●                 |                       |                 | ●                | ●     |                       |                  |                          | ●       | ●                  |             | ●            | ●        |
| Diversified Computer Systems                   |                    |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Diversified Data Resources, Inc.               |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Diversified Data Systems Inc.                  |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |



# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX           |                    | COMPUTER SERVICES |                   | PROCESSING MODE       |                 | PROCESSING TYPE  |       |                       | REMOTE COMPUTING |                          |         |                    |             |              |          |
|--|--------------------|-------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                           | SERVICES AVAILABLE | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |                   |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| DOSE Pharmacy Systems                  |                    |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dow Jones & Company, Inc.              |                    | ●                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dow Jones Information Services Group   |                    | ●                 | ●                 |                       |                 | ●                |       |                       |                  |                          |         |                    | ●           |              |          |
| Dow Jones News/Retrieval Service       |                    | ●                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Drafting Dynamics                      |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dubuque Data Services                  |                    | ●                 | ●                 |                       | ●               | ●                | ●     |                       |                  |                          |         |                    |             | ●            |          |
| Dun and Bradstreet                     |                    | ●                 | ●                 |                       |                 | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| DunsPlus, Inc.                         |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Duquesne Systems Inc.                  |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dvorkovitz, Dr. & Associates           |                    | ●                 |                   |                       |                 | ●                |       |                       |                  |                          |         |                    |             |              | ●        |
| Dyatron Corporation                    |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dyer, Wells & Associates               |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dylakor                                |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dynalectron Corporation                |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dynamco Data Systems                   |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dynamic Control Corporation            |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dynamic Data Processing Inc.           |                    | ●                 | ●                 | ●                     | ●               | ●                | ●     | ●                     |                  | ●                        | ●       |                    | ●           | ●            |          |
| Dynamic Microprocessor Associates, Inc |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dynamic Solutions, Inc.                |                    |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dynamicro Software Corp. (DSC)         |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dynamics Research Corporation          |                    | ●                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Dynax Resources, Inc.                  |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| E/Soft Incorporated                    |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| EBS Data Processing Inc.               |                    | ●                 | ●                 | ●                     | ●               | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| ECOM Associates, Inc.                  |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| EDP Corporation, The                   |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| EEC Systems                            |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| EECO Computer Inc.                     |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| EFT Data Services, Inc.                |                    | ●                 |                   |                       |                 | ●                |       |                       |                  |                          | ●       | ●                  | ●           | ●            |          |
| EMA, Inc.                              |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| ESE, Inc.                              |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| ESI                                    |                    | ●                 | ●                 | ●                     |                 | ●                |       |                       |                  |                          |         |                    |             |              |          |
| ETA International, Inc.                |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Eagle Computing Corporation            |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Eagle Systems                          |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Eastern Airlines, Inc.                 |                    | ●                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Eastern States Bankcard Associates     |                    | ●                 |                   |                       |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                          |                    |            |                   |                       | COMPUTER SERVICES | PROCESSING MODE  | PROCESSING TYPE | REMOTE COMPUTING      |                  |                          |         |                    |             |              |          |
|---|--------------------|------------|-------------------|-----------------------|-------------------|------------------|-----------------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME  | SERVICES AVAILABLE | PROCESSING | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS   | REMOTE COMPUTING | BATCH           | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|   |                    |            |                   |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Ecco Consulting, Inc.                                 |                    |            | •                 | •                     | •                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Econo Data, Inc.                                      |                    | •          | •                 | •                     | •                 |                  | •               |                       |                  |                          |         |                    |             |              |          |
| Economic Information Systems Inc                      |                    | •          |                   |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Economic Technology Association (ETA)                 |                    |            | •                 | •                     | •                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Edu-Ware Services, Inc.                               |                    | •          | •                 | •                     | •                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Educational Methods, Inc.                             |                    | •          | •                 | •                     | •                 |                  | •               |                       |                  |                          |         |                    |             |              |          |
| Edwards, J.D. & Company                               |                    |            |                   | •                     | •                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Electrocon International, Inc.                        |                    |            | •                 | •                     | •                 | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Electron Information Systems                          |                    | •          |                   | •                     | •                 |                  | •               | •                     |                  |                          |         |                    |             |              |          |
| Electronic Banking Systems                            |                    |            |                   | •                     | •                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Electronic Data Systems Corporation                   |                    | •          | •                 | •                     | •                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Electronic Office Software                            |                    |            | •                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Electronic Tabulating Corporation                     |                    | •          | •                 |                       | •                 |                  | •               |                       |                  |                          |         |                    |             |              |          |
| Elke Corporation                                      |                    |            | •                 | •                     | •                 | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Embassy Institute, The                                |                    |            | •                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Empire Computer Software                              |                    |            | •                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Employee Communication Services Inc.                  |                    | •          | •                 | •                     | •                 | •                | •               |                       |                  |                          |         |                    |             |              | •        |
| Endata, Inc.  |                    | •          | •                 | •                     | •                 | •                | •               |                       |                  |                          |         |                    |             |              |          |
| Energy Analysts Inc                                   |                    | •          |                   |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Energy-Tek Software                                   |                    |            | •                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Energy, Inc.  |                    | •          | •                 | •                     | •                 | •                |                 |                       |                  |                          |         |                    | •           |              |          |
| Enertec Inc.  |                    | •          | •                 | •                     |                   |                  |                 |                       |                  | •                        |         |                    |             |              |          |
| Engineering Systems Corporation                       |                    |            | •                 |                       | •                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Enhansys Inc.   |                    |            | •                 | •                     |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Enterprise Computer Systems                           |                    |            | •                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Environmental Systems Research Institute              |                    |            | •                 | •                     | •                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Envoy Corporation                                     |                    | •          |                   |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Epic Computer Products Inc                            |                    |            | •                 |                       | •                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Epsilon Data Management, Inc.                         |                    | •          |                   |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Equifax Inc.  |                    | •          | •                 | •                     |                   |                  | •               |                       |                  |                          |         |                    |             |              |          |
| Equitable Trust Bank                                  |                    | •          |                   |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Erisco Inc.   |                    | •          | •                 | •                     |                   | •                | •               |                       |                  |                          |         |                    | •           |              |          |
| Ernst & Whinney                                       |                    |            | •                 | •                     |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Escom, Inc.   |                    | •          | •                 | •                     | •                 | •                |                 |                       |                  |                          |         |                    | •           |              |          |
| Essex Corporation                                     |                    | •          |                   | •                     | •                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Evaluation Planning Systems International, Inc. (EPS) |                    | •          | •                 | •                     | •                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Evans & Sutherland                                    |                    |            | •                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX             |                    |   |   | COMPUTER SERVICES | PROCESSING MODE   | PROCESSING TYPE       | REMOTE COMPUTING |                  |       |                       |                  |                          |         |                    |             |              |          |
|--|--------------------|---|---|-------------------|-------------------|-----------------------|------------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                             | SERVICES AVAILABLE |   |   | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS  | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |   |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Evans, Griffiths & Hart, Inc.            |                    | ● | ● |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Evergreen Geophysical Associates Inc     | ●                  |   |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Exchange Service Management Corporation  |                    |   | ● |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| EXECUCOM Systems Corporation             |                    | ● |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Executec Corporation                     |                    | ● |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Executive Compumetrics, Inc.             |                    | ● | ● |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Executive Systems, Inc.                  | ●                  |   |   |                   | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Executive Technology Data Systems (ETDS) |                    | ● |   | ●                 |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Exeter Software Limited                  |                    |   | ● |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Exploration Processing Corp.             | ●                  |   |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Explorer Seismic Services                | ●                  |   |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Express Software                         | ●                  |   |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| F.A.C.S.                                 | ●                  |   | ● |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    | ●           |              |          |
| FBC, Inc.                                | ●                  |   |   |                   |                   |                       |                  |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| FBM Systems Inc.                         | ●                  | ● |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| FTW Associates, Inc.                     |                    | ● |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Factory Systems                          |                    | ● |   | ●                 |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Fair, Isaac Companies                    |                    |   | ● |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Fairfield Data Processing                | ●                  |   |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Fall, J.R. & Company Company             |                    |   | ● |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Far West Systems, Inc.                   | ●                  | ● |   |                   |                   |                       |                  | ●                | ●     |                       |                  |                          |         |                    | ●           | ●            |          |
| Federal Data Corp.                       |                    |   | ● | ●                 |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Federal Electric Corporation             | ●                  |   |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Ferox Microsystems, Inc.                 |                    | ● | ● | ●                 |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Fidler Bateman                           | ●                  |   | ● |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Fiduciary Processing, Inc.               | ●                  | ● | ● |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Fields Financial Services                | ●                  |   |   |                   |                   |                       |                  | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Figgie Systems Management Group, Inc.    | ●                  | ● | ● | ●                 | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    | ●           |              |          |
| Financial Data Services                  |                    | ● |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Financial Decisions Systems, Inc.        | ●                  | ● |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Financial Institution Services, Inc.     | ●                  | ● |   |                   | ●                 | ●                     | ●                |                  |       |                       |                  |                          |         |                    | ●           |              | ●        |
| Financial Interstate Services            | ●                  |   |   |                   | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Financial Services, Inc.                 | ●                  |   |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Financial Software Inc.                  |                    | ● |   |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Financial Systems Consultants            | ●                  | ● |   |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    | ●           |              |          |
| Financial Systems, Inc.                  |                    | ● | ● | ●                 |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Finserv Computer Corporation             | ●                  | ● |   |                   | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |

## CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX              |                    | COMPUTER SERVICES | PROCESSING MODE   | PROCESSING TYPE       | REMOTE COMPUTING |                  |       |                       |                  |                          |         |                    |             |              |          |
|---|--------------------|-------------------|-------------------|-----------------------|------------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                              | SERVICES AVAILABLE | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS  | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|   |                    |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| First City Services Company               |                    | ●                 |                   |                       |                  | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| First Computer Corporation                |                    | ●                 |                   |                       |                  |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| First Computer Services, Inc.             |                    | ●                 |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| First Data Management Company, Inc.       |                    | ●                 |                   | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| First Data Resources, Inc.                |                    | ●                 |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| First Financial Management Corporation    |                    | ●                 |                   |                       |                  | ●                |       |                       |                  |                          |         |                    |             |              |          |
| First Systems Corp.                       |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Five Technologies, Inc.                   |                    |                   | ●                 | ●                     | ●                |                  |       |                       |                  |                          |         |                    |             |              |          |
| Fleet Information, Inc.                   |                    | ●                 |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Fleet Management Systems, Inc.            |                    | ●                 | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Florida Software Services, Inc.           |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Florida State University Computing Center |                    | ●                 | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Flow General, Inc.                        |                    | ●                 | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Foothill Associates, Inc.                 |                    | ●                 | ●                 | ●                     |                  |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Ford & Associates, Inc.                   |                    | ●                 | ●                 | ●                     |                  |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Foresight, Inc.                           |                    |                   | ●                 | ●                     | ●                |                  |       |                       |                  |                          |         |                    |             |              |          |
| Forest Computer Inc.                      |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| FORTH, Inc.                               |                    |                   | ●                 | ●                     | ●                |                  |       |                       |                  |                          |         |                    |             |              |          |
| Fortune Systems Corporation               |                    |                   |                   |                       | ●                |                  |       |                       |                  |                          |         |                    |             |              |          |
| Fox & Geller, Inc.                        |                    |                   | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Frey Associates, Inc.                     |                    |                   |                   | ●                     | ●                |                  |       |                       |                  |                          |         |                    |             |              |          |
| Frey Federal Systems Corporation          |                    |                   |                   | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Frey, Donald R. & Co.                     |                    |                   | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Friends Software                          |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Friesen International, Inc.               |                    | ●                 | ●                 | ●                     | ●                |                  |       |                       |                  |                          |         |                    |             |              |          |
| FundsNet, Inc.                            |                    | ●                 |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Fusion Products International             |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| GAI California, Inc.                      |                    |                   |                   | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| GMD Systems International Inc.            |                    |                   | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| GT Software, Inc.                         |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| GTE Telenet Communications Corporation    |                    | ●                 |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| GTECH Corporation                         |                    |                   |                   | ●                     | ●                |                  |       |                       |                  |                          |         |                    |             |              |          |
| Galler Automation Industries Inc.         |                    |                   | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Galler Hospitality Systems Inc.           |                    |                   |                   |                       | ●                |                  |       |                       |                  |                          |         |                    |             |              |          |
| Gamma Systems Services                    |                    | ●                 | ●                 | ●                     |                  |                  |       | ●                     |                  |                          |         |                    |             |              |          |
| Gamma Technology, Inc.                    |                    | ●                 | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    | ●           |              |          |
| Gancom Inc.                               |                    | ●                 | ●                 | ●                     | ●                | ●                | ●     |                       |                  |                          |         |                    | ●           | ●            |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                   |                    | COMPUTER SERVICES |                   | PROCESSING MODE       |                 | PROCESSING TYPE  |       | REMOTE COMPUTING      |                  |                          |         |                    |             |              |          |
|--|--------------------|-------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                                   | SERVICES AVAILABLE | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |                   |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Garner Venture Computing                       |                    | ●                 |                   | ●                     |                 | ●                | ●     | ●                     |                  |                          |         |                    | ●           | ●            | ●        |
| Garrett Computing Systems Inc.                 |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Geac, Inc.                                     |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| GEJAC Incorporated                             |                    | ●                 | ●                 | ●                     |                 | ●                |       |                       |                  |                          |         |                    | ●           |              |          |
| Gelco Maintenance Systems                      |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Gellman, Hayward & Partners, Ltd.              |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| GENASYS Corporation                            |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Genelco, Inc.                                  |                    | ●                 | ●                 | ●                     |                 | ●                | ●     |                       |                  |                          |         |                    |             | ●            |          |
| General Computer Corporation                   |                    |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| General Construction Data Systems,Inc          |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| General Contractor Data Service                |                    | ●                 | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| General Electric CAE International, Inc        |                    | ●                 | ●                 | ●                     |                 | ●                | ●     |                       |                  |                          |         |                    | ●           |              |          |
| General Electric Information Services Company  |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| General Electric Professional Services Company |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| General Physics Corporation                    |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| General System Sciences                        |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| General Systems Group, Inc.                    |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Generated Systems, Inc.                        |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Genesee Computer Center, Inc.                  |                    | ●                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Genesystems, Inc.                              |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Genesys Software Systems, Inc.                 |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Genigraphics Corporation                       |                    |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Geo Data Corporation                           |                    | ●                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Geo-Search Seismic Processors                  |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Geobased Systems, Inc                          |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Geodynamics Incorporated                       |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Geographic Systems, Inc.                       |                    | ●                 | ●                 | ●                     |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Geophysical Computing Corp                     |                    | ●                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| GeoQuest International Inc.                    |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| George Goode & Associates                      |                    | ●                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Geoscience Petroleum Services Corp             |                    | ●                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Geosource Inc.                                 |                    | ●                 |                   |                       |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Gerard Systems, Inc.                           |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Gerber Scientific, Inc.                        |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| GESCO Corporation                              |                    | ●                 | ●                 | ●                     |                 | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| Gifford Fong Associates                        |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Gilbert Associates Inc.                        |                    | ●                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX              |                    |            |                   |                       | COMPUTER SERVICES |                  | PROCESSING MODE |                       | PROCESSING TYPE  |                          |         | REMOTE COMPUTING   |             |              |          |
|---|--------------------|------------|-------------------|-----------------------|-------------------|------------------|-----------------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                              | SERVICES AVAILABLE | PROCESSING | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS   | REMOTE COMPUTING | BATCH           | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|   |                    |            |                   |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Global Computer Systems, Inc.             |                    |            | ●                 | ●                     | ●                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Global Data Corporation                   |                    | ●          | ●                 | ●                     | ●                 | ●                | ●               |                       |                  |                          |         |                    | ●           |              |          |
| Global Data/CSD                           |                    |            | ●                 | ●                     | ●                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Global Software                           |                    |            | ●                 | ●                     | ●                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Goal Systems International Inc            |                    |            | ●                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Goldbrick Inc.                            |                    |            | ●                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Gottfried Consultants                     |                    |            |                   | ●                     |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Government Systems Group                  |                    |            | ●                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Gramco Inc.                               |                    | ●          | ●                 | ●                     | ●                 |                  | ●               |                       | ●                |                          |         |                    |             |              |          |
| Graphic Arts Data Service                 |                    | ●          |                   |                       |                   |                  | ●               |                       |                  |                          |         |                    |             |              |          |
| Graphic Software Systems                  |                    |            | ●                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Graphics Concepts, Inc.                   |                    |            | ●                 | ●                     | ●                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Graphics Technology Corporation (Graftek) |                    |            |                   |                       | ●                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Great Lakes Information Systems Ltd.      |                    |            | ●                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Great Plains Software, Inc.               |                    |            | ●                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Greer Sontag Associates Inc.              |                    | ●          |                   |                       | ●                 | ●                |                 |                       |                  |                          |         |                    | ●           |              |          |
| Gregg Systems Corp.                       |                    |            | ●                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Group Operations, Inc.                    |                    |            | ●                 | ●                     | ●                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Grumman Data Systems Corporation          |                    | ●          |                   | ●                     |                   | ●                |                 |                       |                  |                          |         |                    | ●           |              |          |
| Gull Resources Management Systems, Inc    |                    |            |                   |                       | ●                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Gulley Computer Associates                |                    | ●          |                   | ●                     |                   | ●                | ●               |                       |                  |                          |         |                    | ●           | ●            |          |
| H & A Computer Systems, Inc.              |                    |            | ●                 | ●                     |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| H & W Computer Systems                    |                    |            | ●                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| HAI Computer Services                     |                    | ●          | ●                 |                       |                   | ●                |                 |                       |                  |                          |         |                    | ●           |              |          |
| HBO & Company                             |                    |            |                   |                       | ●                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| HBS Information Systems, Inc.             |                    |            |                   |                       | ●                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| HK Contractors, Inc.                      |                    |            | ●                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Hadron Inc.                               |                    |            |                   | ●                     | ●                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Hal Systems & Services                    |                    | ●          | ●                 | ●                     |                   | ●                | ●               |                       | ●                |                          |         | ●                  | ●           | ●            | ●        |
| Hale Systems, Inc.                        |                    | ●          | ●                 | ●                     | ●                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Hallahan, G.W. and Co Inc.                |                    |            | ●                 |                       |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Hancock-Dikewood Services Inc.            |                    | ●          | ●                 | ●                     |                   | ●                |                 | ●                     |                  |                          | ●       | ●                  | ●           | ●            |          |
| Haney Group, Inc.                         |                    | ●          |                   | ●                     |                   | ●                |                 |                       |                  |                          |         |                    | ●           | ●            |          |
| Harfax Database Publishing                |                    | ●          |                   | ●                     |                   |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Harris & Paulson Inc.                     |                    | ●          | ●                 |                       | ●                 | ●                | ●               | ●                     |                  |                          |         |                    |             |              |          |
| Harris Data Service Inc.                  |                    | ●          | ●                 | ●                     |                   |                  |                 |                       |                  |                          |         | ●                  |             |              |          |
| Harris Information Systems, Systems, Inc. |                    |            |                   | ●                     | ●                 |                  |                 |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| COMPANY<br>NAME                          | SERVICES<br>AVAILABLE |                   |                       |                |                  |       |                       |                  |                          |         | COMPUTER<br>SERVICES | PROCESSING<br>MODE | PROCESSING<br>TYPE | REMOTE<br>COMPUTING |
|--|-----------------------|-------------------|-----------------------|----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|----------------------|--------------------|--------------------|---------------------|
|  | PROCESSING            | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY   | INTERACTIVE        | REMOTE BATCH       | DATABASE            |
| Harris Laboratories, Inc.                |                       |                   | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Harris Publishing Company                | ●                     |                   |                       |                |                  | ●     |                       |                  |                          |         |                      |                    |                    |                     |
| Harris Technical Systems, Inc.           |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Harris Technology Group, Inc.            |                       | ●                 | ●                     | ●              |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Hart Systems Inc.                        | ●                     | ●                 |                       |                |                  | ●     |                       |                  |                          |         |                      |                    |                    |                     |
| Hartley Data Service, Inc.               | ●                     | ●                 | ●                     | ●              | ●                | ●     |                       |                  |                          |         |                      | ●                  |                    |                     |
| Haverly Systems, Inc.                    | ●                     | ●                 | ●                     | ●              |                  | ●     |                       |                  |                          |         |                      | ●                  |                    |                     |
| Hawkeye Grafix                           |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Hayden Publishing Software               |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Health Information Systems, Inc.         |                       |                   |                       | ●              |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Health Systems Institute of Maine        | ●                     | ●                 | ●                     | ●              | ●                | ●     |                       |                  |                          |         |                      | ●                  |                    |                     |
| Helm Data Processing Inc.                | ●                     |                   |                       |                |                  | ●     |                       |                  |                          |         |                      |                    |                    |                     |
| Hemenway Corporation                     |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Henco Research                           |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Henco Software, Inc.                     |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Henry, Jack & Associates                 |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Heritage Computer Corporation            | ●                     | ●                 | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Herring Associates, Inc.                 |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Heuristic DataSystems, Inc.              | ●                     | ●                 | ●                     | ●              |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Hewlett-Packard General Systems Division |                       | ●                 | ●                     | ●              |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| High Technology Software Products, Inc.  |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Higher Order Software, Inc.              |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Highlander Systems, Inc.                 |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Higley & Company, Inc.                   |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Hilltop Enterprises, Inc.                |                       |                   |                       | ●              |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Hogan Systems, Inc.                      |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Holland Systems Corporation              |                       | ●                 | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Holmes & Shaw Inc.                       | ●                     | ●                 |                       |                | ●                | ●     |                       |                  |                          |         |                      |                    |                    |                     |
| Honeywell Inc.                           | ●                     | ●                 | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Horizon Software Systems                 |                       |                   | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Hospital Data Services                   | ●                     | ●                 | ●                     | ●              | ●                | ●     |                       |                  |                          |         | ●                    |                    | ●                  |                     |
| Hotze, James B. Company                  |                       |                   | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Houghton Mifflin Company                 | ●                     | ●                 |                       | ●              |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Houston Data Center Inc.                 | ●                     |                   |                       | ●              | ●                | ●     |                       |                  |                          |         |                      | ●                  |                    |                     |
| Houston Engineering Research Corporation |                       |                   |                       | ●              |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Houston Information Systems Inc          | ●                     |                   |                       |                | ●                |       |                       |                  |                          | ●       | ●                    | ●                  |                    |                     |
| Houston Processors, Inc.                 | ●                     |                   |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |



# CAMP COMPUTER SERVICES INDEX

| COMPANIES PROVIDING COMPUTER SERVICES INDEX      |                    |                   |                       |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
|--|--------------------|-------------------|-----------------------|-----------------|-------------------|-----------------|-----------------------|------------------|----------------------------------|--------------------|-------------|-----------------------|---|
| COMPANY NAME                                     | SERVICES AVAILABLE |                   |                       |                 | COMPUTER SERVICES | PROCESSING MODE | PROCESSING TYPE       |                  |                                  | REMOTE COMPUTING   |             |                       |   |
|  | PROCESSING         | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING  | BATCH           | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH DATABASE |   |
| Hudson Soft Inc.                                 |                    | •                 |                       |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Hunter & Ready Inc.                              |                    | •                 |                       |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Hurd, Nicholas N. Inc.                           |                    |                   | •                     | •               |                   |                 |                       |                  |                                  |                    |             |                       |   |
| I-Concepts, Inc.                                 | •                  | •                 | •                     | •               |                   |                 |                       |                  |                                  |                    |             |                       |   |
| IBM Information Network                          | •                  |                   |                       |                 | •                 |                 |                       |                  |                                  |                    | •           | •                     | • |
| ICS Group  |                    | •                 | •                     |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| IE Systems                                       |                    | •                 |                       |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| IFA Computer Services Inc.                       | •                  |                   |                       | •               |                   | •               |                       |                  |                                  |                    |             |                       |   |
| III Systems, Inc.                                | •                  |                   |                       |                 | •                 |                 |                       |                  | •                                | •                  | •           |                       |   |
| IMI Health Systems Corporation Applications Inc. | •                  |                   | •                     | •               |                   |                 |                       |                  |                                  |                    |             |                       |   |
| IMI Systems                                      |                    | •                 | •                     |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| IMS Marketronics                                 | •                  |                   |                       |                 | •                 |                 |                       |                  |                                  |                    |             |                       | • |
| IMS Systems Corporation                          |                    |                   | •                     |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| IPL, Inc.  |                    | •                 | •                     |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| IPT - Information Processing Techniques          |                    | •                 | •                     |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| ISI Systems, Inc.                                | •                  |                   |                       | •               |                   |                 |                       |                  |                                  |                    |             |                       |   |
| ITT Dialcom, Inc.                                | •                  |                   |                       |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Iconix   | •                  |                   |                       | •               | •                 | •               |                       |                  |                                  |                    | •           | •                     |   |
| Illinois Micro Inc                               |                    | •                 |                       |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Image Sciences, Inc.                             |                    | •                 | •                     |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Imaging & Graphics Division of Gould, Inc.       |                    |                   |                       | •               |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Impact Systems                                   | •                  | •                 | •                     |                 | •                 | •               |                       | •                |                                  | •                  | •           | •                     |   |
| Incepts, Inc.                                    |                    |                   | •                     |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| INCO Inc.  |                    |                   | •                     |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Indecon Inc.                                     |                    |                   | •                     |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Independent Computer Systems, Inc. (ICS)         |                    | •                 |                       | •               |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Independent Tax Corporation (ITC)                | •                  |                   |                       |                 |                   | •               |                       |                  |                                  |                    |             |                       |   |
| Index Systems Inc.                               |                    |                   | •                     |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Industrial Programming, Inc.                     |                    | •                 |                       |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Info Systems of N.C., Inc.                       |                    | •                 | •                     |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Info-Pros, Inc.                                  |                    | •                 |                       |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| INFOCEL Incorporated                             |                    |                   |                       | •               |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Infodata Systems Inc.                            |                    | •                 |                       |                 |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Infographics Inc.                                | •                  |                   |                       | •               |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Infomed  | •                  | •                 | •                     |                 | •                 | •               |                       |                  |                                  |                    | •           | •                     |   |
| Informata Landex Systems                         |                    |                   |                       | •               |                   |                 |                       |                  |                                  |                    |             |                       |   |
| Informatics General Corporation                  | •                  | •                 | •                     | •               |                   |                 |                       |                  |                                  |                    |             |                       |   |

# CAMP COMPUTER SERVICES INDEX

| COMPANY<br>NAME                                   | SERVICES<br>AVAILABLE |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
|---|-----------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
|   | PROCESSING            | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
| Information Access Co.                            | ●                     |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Information Automation, Inc.                      |                       |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Information Builders, Inc.                        |                       | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Information Management International              | ●                     | ●                 | ●                     | ●               | ●                | ●     | ●                     |                  |                          |         |                    | ●           | ●            |          |
| Information Management Technologies               |                       |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Information Management Software Specialists, Inc. |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Information People, The                           |                       | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Information Plus, Inc.                            |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Information Processing Corporation                | ●                     | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Information Processing Inc.                       |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Information Research Associates                   |                       | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Information Resources Ltd.                        |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Information Resources, Inc.                       | ●                     |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Information Science Incorporated (InSci)          | ●                     | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Information Systems Investment Corporation        | ●                     | ●                 |                       |                 |                  | ●     | ●                     |                  |                          |         |                    |             |              |          |
| Information Systems Inc.                          | ●                     |                   |                       |                 | ●                |       |                       |                  |                          |         |                    |             | ●            |          |
| Information Systems of America, Inc. (ISA)        |                       | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Information Technology, Inc.                      |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Infoware Systems, Inc. (ISI)                      |                       |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Infoservices, Inc.                                | ●                     | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    | ●           | ●            |          |
| Infotec Development Inc.                          |                       | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Infotecs, Inc.                                    |                       |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Innovation Data Processing, Inc.                  |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Innovative Software, Inc.                         |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Innovative Systems, Inc.                          |                       | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Input Output Computer Services                    |                       |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Input Services, Inc.                              | ●                     | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Insight Software Systems                          |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Inslaw, Inc.                                      | ●                     | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Insoft  |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Instant Software, Inc.                            |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Institute for Software Engineering (ISE)          |                       |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Institute of Modern Procedures                    | ●                     |                   | ●                     |                 | ●                |       | ●                     |                  |                          |         |                    |             |              |          |
| Institutional Networks Corporation (INSTINET)     | ●                     |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Insurance Information, Inc.                       |                       |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Insurance Network Systems, Inc.                   | ●                     | ●                 | ●                     |                 | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Insurance Publishing and Computers, Inc.          |                       |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                    |                    |  |  |  | COMPUTER SERVICES            |                       | PROCESSING MODE |                  | PROCESSING TYPE |                       |                  | REMOTE COMPUTING         |         |                    |             |              |          |
|---|--------------------|--|--|--|------------------------------|-----------------------|-----------------|------------------|-----------------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                                    | SERVICES AVAILABLE |  |  |  | PROCESSING SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH           | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|   |                    |  |  |  |                              |                       |                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Insurance Servicing & Information Systems Corp. |                    |  |  |  | •                            | •                     | •               | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Integral Business Computing, Inc.               |                    |  |  |  |                              | •                     | •               | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Integral Systems, Inc.                          |                    |  |  |  |                              | •                     | •               |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Integrated Automation Inc.                      |                    |  |  |  |                              |                       | •               | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Integrated Computer Applications                |                    |  |  |  |                              |                       | •               | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Integrated Computer Systems, Inc.               |                    |  |  |  | •                            | •                     |                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Integrated Computer Software, Inc.              |                    |  |  |  | •                            | •                     | •               | •                | •               | •                     |                  |                          |         |                    |             | •            |          |
| Integrated Computer Systems, Inc.               |                    |  |  |  |                              |                       |                 | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Integrated Microcomputer Systems, Inc.          |                    |  |  |  | •                            |                       | •               |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Integrated Office Concepts Inc.                 |                    |  |  |  |                              | •                     | •               |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Integrated Planning                             |                    |  |  |  |                              | •                     |                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Integrated Software Systems Corporation (ISSCO) |                    |  |  |  |                              | •                     |                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Integrated Systems Group, Inc.                  |                    |  |  |  |                              | •                     | •               | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Integrated Systems Management                   |                    |  |  |  | •                            | •                     | •               |                  | •               | •                     |                  |                          |         |                    |             |              |          |
| Integrity Solutions, Inc.                       |                    |  |  |  |                              | •                     |                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Intellectron Incorporated                       |                    |  |  |  | •                            |                       |                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| IntelliCorp                                     |                    |  |  |  | •                            | •                     |                 | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Intellidata Incorporated                        |                    |  |  |  |                              |                       | •               | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Intelligence Interlink Corporation              |                    |  |  |  |                              |                       | •               | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Intelligent Industrial Systems Inc              |                    |  |  |  |                              |                       | •               |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Intelligent Systems Corp.                       |                    |  |  |  |                              | •                     |                 | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Intellimac Inc.                                 |                    |  |  |  |                              | •                     |                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Interactive Applications, Inc.                  |                    |  |  |  | •                            |                       | •               |                  | •               |                       |                  |                          |         |                    | •           |              |          |
| Interactive Computer Enterprises Inc.           |                    |  |  |  |                              | •                     | •               | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Interactive Computer Modelling Inc.             |                    |  |  |  |                              | •                     |                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Interactive Data Corporation                    |                    |  |  |  | •                            | •                     | •               | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Interactive Data Services, Inc.                 |                    |  |  |  | •                            | •                     |                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Interactive Information Systems, Inc.           |                    |  |  |  |                              | •                     |                 | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Interactive Information System Inc.             |                    |  |  |  | •                            | •                     | •               | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Interactive Logic Inc.                          |                    |  |  |  |                              | •                     |                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Interactive Marketing Systems (IMS)             |                    |  |  |  | •                            |                       | •               |                  | •               | •                     |                  |                          |         |                    | •           |              |          |
| Interactive Software Systems Inc.               |                    |  |  |  |                              | •                     | •               | •                |                 |                       |                  |                          |         |                    |             |              |          |
| Interactive Software, Inc.                      |                    |  |  |  | •                            | •                     | •               |                  | •               |                       |                  |                          |         |                    |             |              |          |
| Interactive System Corporation                  |                    |  |  |  |                              | •                     |                 | •                |                 |                       |                  |                          |         |                    |             |              |          |
| INTERACTIVE Systems Corporation                 |                    |  |  |  |                              | •                     |                 |                  |                 |                       |                  |                          |         |                    |             |              |          |
| Interactive, Incorporated                       |                    |  |  |  | •                            | •                     | •               | •                |                 |                       |                  |                          |         |                    | •           |              |          |
| Intergraph Corporation                          |                    |  |  |  |                              |                       | •               | •                |                 |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                   |            |                      |                          |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
|--|------------|----------------------|--------------------------|--------------------|--------------------|---------------------|-------|--------------------------|---------------------|-----------------------------|---------|-----------------------|-------------|-----------------|
| COMPANY<br>NAME                                | PROCESSING | COMPUTER<br>SERVICES |                          |                    | PROCESSING<br>MODE | PROCESSING<br>TYPE  |       |                          | REMOTE<br>COMPUTING |                             |         |                       |             |                 |
|  |            | SOFTWARE<br>PRODUCTS | PROFESSIONAL<br>SERVICES | TURNKEY<br>SYSTEMS |                    | REMOTE<br>COMPUTING | BATCH | FACILITIES<br>MANAGEMENT | GENERAL<br>BUSINESS | SCIENTIFIC &<br>ENGINEERING | UTILITY | INDUSTRY<br>SPECIALTY | INTERACTIVE | REMOTE<br>BATCH |
| Intermetrics, Inc.                             |            |                      | •                        | •                  |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| Intermountain Health Care, Inc.                |            |                      |                          | •                  |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| International Business Machines                | •          | •                    | •                        |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| International Business Services Inc.           | •          |                      | •                        | •                  |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| International Computaprint Corporation         | •          |                      |                          |                    |                    | •                   |       |                          |                     |                             |         |                       |             |                 |
| International Computer Systems, Inc.           | •          |                      |                          |                    |                    | •                   |       |                          |                     |                             |         |                       |             |                 |
| International Computing System                 | •          |                      |                          |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| International Data Processing, Inc.            |            | •                    | •                        |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| International Environment Research, Inc. (IER) | •          |                      | •                        |                    | •                  | •                   |       |                          |                     |                             |         | •                     |             |                 |
| International Micro Systems Inc.               |            | •                    |                          | •                  |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| Interpretive Data Systems                      | •          |                      | •                        |                    | •                  |                     |       |                          |                     |                             |         | •                     |             |                 |
| Interpretive Data Systems                      | •          |                      | •                        | •                  | •                  | •                   |       |                          |                     | •                           |         | •                     | •           |                 |
| Interprocess Systems, Inc.                     |            | •                    |                          |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| Intertec Diversified Systems, Inc.             | •          | •                    |                          |                    |                    | •                   |       |                          |                     |                             |         |                       |             |                 |
| Intertel Inc.                                  |            | •                    |                          | •                  |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| Investment Computer Services Inc               | •          | •                    |                          |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| JBS Associates, Inc.                           | •          |                      |                          |                    | •                  |                     |       |                          |                     |                             |         | •                     | •           | •               |
| JEM Associates                                 |            | •                    |                          |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| JL Consulting Services, Inc.                   |            | •                    |                          |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| JMI Software Consultants                       |            | •                    | •                        |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| Jackson Seismic Processing, Inc.               | •          |                      |                          |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| Jacobs, Thomas L. & Associates                 |            |                      | •                        |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| Jacobsen & Associates                          | •          | •                    | •                        | •                  | •                  | •                   |       | •                        |                     |                             |         | •                     |             |                 |
| James, Fred S. and Company                     | •          | •                    | •                        | •                  | •                  | •                   |       | •                        |                     |                             | •       | •                     | •           |                 |
| Jini Micro-Systems, Inc.                       |            | •                    |                          |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| Jobnet, Inc.                                   | •          |                      |                          |                    | •                  |                     |       |                          |                     |                             |         |                       |             | •               |
| Johnston, Brown & Associates, Inc. (JBA)       |            | •                    | •                        |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| Jones/Hosplex Systems, Inc.                    | •          | •                    | •                        |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| K & S Data Services, Inc.                      | •          |                      |                          |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| KDK Enterprises, Inc.                          |            | •                    |                          |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| KGA Engineering Inc.                           |            | •                    |                          |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| K.H. Little, Inc.                              |            |                      | •                        |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| Kanawha Valley Data Control, Inc.              | •          |                      |                          |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| Kappa Systems Inc.                             | •          | •                    | •                        |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| Kates Komputers                                |            | •                    |                          |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |
| Keane, Inc.                                    | •          | •                    | •                        |                    |                    | •                   |       |                          |                     |                             |         |                       |             |                 |
| Kearney, A.T.                                  |            |                      | •                        |                    |                    |                     |       |                          |                     |                             |         |                       |             |                 |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                       |                    |                   |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
|--|--------------------|-------------------|-----------------------|-----------------|-------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|------------------|--------------|----------|
| COMPANY NAME                                       | SERVICES AVAILABLE |                   |                       |                 | COMPUTER SERVICES |       | PROCESSING MODE       |                  | PROCESSING TYPE          |         |                    | REMOTE COMPUTING |              |          |
|  | PROCESSING         | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING  | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE      | REMOTE BATCH | DATABASE |
| Kearns, Robert J., Inc.                            | ●                  |                   |                       |                 |                   | ●     |                       |                  |                          |         |                    |                  |              |          |
| Kebert Corporation                                 | ●                  | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Kencom, Inc.                                       |                    |                   | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Kennedy & Coe                                      | ●                  | ●                 |                       |                 | ●                 | ●     |                       | ●                |                          |         | ●                  |                  |              |          |
| Kentron International Inc.                         | ●                  | ●                 | ●                     |                 | ●                 |       |                       |                  |                          |         |                    |                  |              |          |
| Key Data Services Inc.                             | ●                  |                   |                       |                 |                   | ●     |                       |                  |                          |         |                    |                  |              |          |
| Key Entry Inc.                                     | ●                  |                   |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Key Management Inc.                                | ●                  | ●                 | ●                     | ●               | ●                 | ●     |                       |                  |                          |         |                    | ●                | ●            |          |
| Keydata Corporation                                | ●                  |                   |                       |                 | ●                 |       |                       |                  |                          |         |                    | ●                |              |          |
| Keydata Systems Inc.                               | ●                  | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Keystone Computer Associates Inc.                  |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Kidd International Data Processing                 | ●                  |                   |                       |                 |                   | ●     | ●                     |                  |                          |         |                    |                  |              |          |
| Kimbrough Computer Sales, Inc.                     |                    | ●                 | ●                     | ●               |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Kirchman Corporation                               | ●                  | ●                 |                       | ●               |                   | ●     | ●                     |                  |                          |         |                    |                  |              |          |
| Knuth Computer Services Inc                        |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Krell Software Corp                                |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Krohm International, Ltd                           |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Krown Computing                                    |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| L.N.K. Corporation                                 |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| LCS Data Processing Inc.                           | ●                  |                   |                       |                 |                   | ●     |                       |                  |                          |         |                    |                  |              |          |
| LCS Industries, Inc.                               | ●                  |                   |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Laidlaw, Richard E. Inc.                           |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| LAN Systems, Inc.                                  |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    | ●                |              |          |
| Landart Systems, Inc.                              | ●                  |                   | ●                     |                 | ●                 | ●     |                       |                  |                          |         |                    | ●                | ●            |          |
| Lantor Information Systems                         |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Latron Computer Systems, Inc.                      | ●                  |                   | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Lavan Systems Inc.                                 |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Lawson Associates                                  |                    | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Leading Software Technologies Corp.                |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Learmonth & Burchett Management Systems Inc (LBMS) | ●                  | ●                 | ●                     |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Learning Company, The                              |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Leasing Consultants                                |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Legal Data Systems, Inc.                           | ●                  | ●                 |                       |                 | ●                 |       |                       |                  |                          | ●       | ●                  | ●                |              |          |
| Levi, Ray & Shoup Inc.                             | ●                  | ●                 | ●                     |                 | ●                 | ●     | ●                     | ●                |                          |         |                    | ●                | ●            | ●        |
| Lifeboat Associates Inc.                           |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Lifetree Software, Inc.                            |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |
| Link Systems                                       |                    | ●                 |                       |                 |                   |       |                       |                  |                          |         |                    |                  |              |          |

# CAMP COMPUTER SERVICES INDEX

| COMPANY NAME                                     | SERVICES AVAILABLE | SERVICES   |                   |                       |                 | MODE             |       | TYPE                  |                  | COMPUTING                |         |                    |             |              |
|--|--------------------|------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|
|  |                    | PROCESSING | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH |
| Link X, Inc.                                     |                    | •          |                   | •                     |                 |                  |       |                       |                  |                          |         |                    |             |              |
| LINKWARE Corp.                                   |                    | •          |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Linton Shafer & Co.                              | •                  | •          | •                 | •                     | •               |                  |       |                       |                  |                          |         |                    |             |              |
| List Processing Company, Inc.                    | •                  | •          |                   |                       |                 | •                |       |                       |                  |                          |         |                    |             |              |
| Little, Arthur D., Inc.                          |                    |            | •                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Litton Computer Services                         | •                  |            |                   |                       | •               |                  |       |                       |                  |                          |         |                    |             |              |
| Litton Computer Services                         | •                  | •          | •                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Litton Industries, Inc.                          | •                  | •          | •                 | •                     |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Lockheed Dataplan Inc.                           | •                  |            |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Lockwood Association Inc, The                    |                    | •          | •                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Logic Extension Resources                        |                    | •          |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Logic Inc.                                       | •                  | •          | •                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Logica Inc.                                      |                    | •          |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Logical Data Management                          | •                  | •          | •                 | •                     | •               | •                | •     |                       |                  |                          |         | •                  | •           |              |
| Logical Software Inc.                            |                    | •          |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Logicon Inc.                                     |                    |            | •                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Logistics Systems                                | •                  | •          | •                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Logos  |                    | •          |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Lomas & Nettleton Information Systems, Inc.      | •                  |            |                   |                       | •               | •                |       |                       |                  |                          | •       | •                  |             |              |
| Loris Data Associates Inc.                       |                    | •          |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Lotus Development Corporation                    |                    | •          |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Loud Consulting Corporation, The                 | •                  | •          | •                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Louisiana Companies - Computer Services Division | •                  | •          | •                 | •                     | •               | •                |       |                       |                  |                          |         |                    | •           |              |
| Lowenthal Programming Corporation                |                    |            | •                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Lowry, James H & Associates                      |                    |            | •                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Lundy Electronic & Systems, Inc.                 |                    |            |                   | •                     |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Lupfer & Long, Inc.                              |                    | •          | •                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| Lynch Data Processing                            | •                  |            |                   |                       | •               | •                |       |                       |                  |                          |         |                    |             |              |
| M/A-COM Sigma Data, Inc.                         | •                  |            | •                 | •                     | •               |                  |       |                       |                  |                          |         |                    |             |              |
| MBS Software                                     |                    | •          | •                 | •                     |                 |                  |       |                       |                  |                          |         |                    |             |              |
| MC Software, Inc.                                |                    | •          |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| MCRB Service Bureau                              | •                  |            |                   |                       | •               | •                |       |                       |                  |                          |         | •                  | •           | •            |
| MCT Information Systems, Inc.                    |                    | •          |                   | •                     |                 |                  |       |                       |                  |                          |         |                    |             |              |
| MD-Dexel Systems Corp.                           |                    | •          |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |
| MDC Systems Corp.                                | •                  | •          |                   | •                     |                 |                  |       |                       |                  |                          |         |                    |             |              |
| MDS Lawtime                                      |                    |            |                   | •                     |                 |                  |       |                       |                  |                          |         |                    |             |              |
| MDS Soft Pro System                              |                    | •          |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                        |                       |                   |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
|---|-----------------------|-------------------|-----------------------|-----------------|----------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|---------------------|--------------|----------|
| COMPANY<br>NAME                                     | SERVICES<br>AVAILABLE |                   |                       |                 | COMPUTER<br>SERVICES |       | PROCESSING<br>MODE    |                  | PROCESSING<br>TYPE       |         |                    | REMOTE<br>COMPUTING |              |          |
|   | PROCESSING            | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING     | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE         | REMOTE BATCH | DATABASE |
| MDS, Inc.   | ●                     | ●                 |                       |                 |                      | ●     |                       |                  |                          | ●       | ●                  |                     |              |          |
| MHT Services Inc.                                   |                       | ●                 |                       | ●               |                      | ●     |                       |                  |                          |         |                    |                     |              |          |
| MIPS Software Development Inc.                      |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| MIS Associates                                      |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| MIS, Inc.   | ●                     |                   |                       |                 | ●                    | ●     | ●                     |                  |                          |         |                    |                     | ●            |          |
| MJK Associates                                      | ●                     |                   | ●                     |                 | ●                    | ●     |                       |                  |                          |         |                    | ●                   | ●            |          |
| MNC International, Inc. Micro Network Division      |                       | ●                 |                       | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| MPSI Systems Inc.                                   |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| MRM, Inc.   |                       | ●                 | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| MTech   | ●                     | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| MVSE Software                                       |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| MacDonald Computer Systems                          | ●                     | ●                 | ●                     | ●               |                      | ●     |                       |                  |                          |         |                    |                     |              |          |
| MacNeal-Schwendler Corporation                      |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Macro Corporation                                   |                       |                   | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Madic Corporation                                   | ●                     | ●                 |                       | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Magnum Communications, Ltd. 320 Interstate N. Pkwy. |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Mailhouse, Inc.                                     | ●                     |                   |                       |                 |                      | ●     |                       |                  |                          |         |                    |                     |              |          |
| Mainstem Corporation                                | ●                     |                   | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Mamaba Inc.   |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Management & Computer Services Inc.                 | ●                     | ●                 |                       |                 |                      | ●     |                       |                  |                          |         |                    | ●                   |              |          |
| Management Computer Services, Inc.                  | ●                     | ●                 |                       |                 | ●                    | ●     |                       |                  |                          |         |                    |                     |              |          |
| Management Computer Services, Inc.                  | ●                     |                   |                       | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Management Computer Controls, Inc.                  |                       | ●                 | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Management Consultant Resource Group                |                       | ●                 | ●                     | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Management Control Systems Division                 |                       | ●                 |                       | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Management Cybernetics International                |                       | ●                 |                       | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Management Data Communications Corporation          | ●                     | ●                 | ●                     | ●               | ●                    | ●     | ●                     |                  |                          |         |                    | ●                   | ●            |          |
| Management Data Systems Inc.                        | ●                     | ●                 | ●                     | ●               |                      |       |                       |                  |                          |         |                    | ●                   |              |          |
| Management Decision Systems, Inc.                   | ●                     | ●                 | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Management Design Associates                        |                       |                   | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Management Directions Inc.                          | ●                     | ●                 | ●                     | ●               |                      |       |                       |                  |                          |         |                    | ●                   |              |          |
| Management Informaton Systems Group, Inc. (MISG)    | ●                     | ●                 | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Management Science America, Inc.                    |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Management Sciences, Inc.                           |                       | ●                 | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Management Systems Associates                       |                       | ●                 | ●                     | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Management Systems Consulting Services              |                       |                   | ●                     | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Management Systems Of Wausau, Inc.                  | ●                     | ●                 |                       | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |



## CAMP COMPUTER SERVICES INDEX

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# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                   |                    |   |   |   | COMPUTER SERVICES | PROCESSING MODE   | PROCESSING TYPE       |                 |                  | REMOTE COMPUTING |                       |                  |                          |         |                    |             |              |          |
|--|--------------------|---|---|---|-------------------|-------------------|-----------------------|-----------------|------------------|------------------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                                   | SERVICES AVAILABLE |   |   |   | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH            | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |   |   |   |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Matrix Insurance Services Inc.                 |                    | ● |   |   | ●                 |                   |                       | ●               | ●                | ●                |                       |                  |                          |         |                    |             | ●            |          |
| May & Speh Processing Center, Inc.             |                    | ● |   |   |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| McClintock                                     |                    |   | ● |   |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| McCormack & Dodge Corporation                  |                    |   | ● |   |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| McCosker Corporation                           |                    | ● | ● |   | ●                 | ●                 | ●                     |                 | ●                |                  |                       |                  |                          |         |                    | ●           |              |          |
| McCullough and Associates                      |                    |   | ● |   |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| McDonald, Friedberg & Carr                     |                    |   | ● | ● |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| McDonnell Douglas Automation Company           |                    | ● | ● | ● |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| McDonnell Douglas Physician Systems, Inc.      |                    | ● |   |   |                   |                   |                       |                 | ●                |                  |                       |                  |                          |         |                    |             |              |          |
| McGraw-Hill Information Systems Company        |                    | ● |   |   |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| McHugh, Freeman and Associates Inc             |                    |   | ● |   |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| McSpadden Associates, Inc.                     |                    | ● | ● | ● | ●                 |                   |                       |                 |                  |                  | ●                     |                  |                          |         |                    |             |              |          |
| Mead Data Central                              |                    | ● |   |   |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Mechanical Technology Inc.                     |                    |   | ● |   |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Mechanics National Bank                        |                    | ● |   |   |                   |                   |                       |                 | ●                | ●                |                       |                  |                          |         |                    |             |              |          |
| Med Logic Systems                              |                    |   | ● |   |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Medical Data Control                           |                    | ● |   | ● |                   |                   |                       |                 |                  | ●                |                       |                  |                          |         |                    |             | ●            |          |
| Medical Data Services                          |                    | ● |   |   | ●                 |                   |                       |                 |                  |                  | ●                     |                  |                          |         |                    |             |              |          |
| Medical Datamation                             |                    | ● |   |   | ●                 |                   |                       |                 | ●                | ●                |                       |                  |                          |         |                    |             | ●            |          |
| Medical Engineering, Inc.                      |                    |   | ● |   | ●                 | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Medical Information Technology Inc. (MEDITECH) |                    | ● | ● |   | ●                 | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Medical Management Systems Inc.                |                    |   | ● |   | ●                 | ●                 |                       |                 |                  |                  | ●                     |                  |                          |         |                    | ●           |              |          |
| Medicus Systems Corporation                    |                    |   |   | ● | ●                 | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Medidata Inc.                                  |                    | ● | ● | ● |                   |                   |                       | ●               |                  |                  |                       |                  |                          |         |                    | ●           |              |          |
| Mediflex Systems Corporation                   |                    | ● | ● | ● |                   | ●                 |                       |                 |                  |                  | ●                     |                  |                          |         |                    |             |              |          |
| Mellon Bank Datacenter                         |                    | ● |   |   |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Mellon Bank-Technology Products Department     |                    | ● |   |   |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Mentor Graphics Corp.                          |                    |   |   |   | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Menu, International Software DataBase          |                    |   | ● |   |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Meridian Systems Inc.                          |                    |   | ● |   |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Metamorphics, Inc.                             |                    |   | ● |   | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Metasystems Inc.                               |                    |   |   | ● | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Metier Management Systems, Inc.                |                    |   |   |   | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Metro Bank                                     |                    | ● |   |   |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Metro System, Inc.                             |                    | ● |   | ● | ●                 | ●                 | ●                     | ●               | ●                |                  | ●                     |                  |                          |         | ●                  |             | ●            |          |
| Metrocom Inc.                                  |                    | ● | ● |   | ●                 | ●                 | ●                     | ●               | ●                |                  |                       |                  |                          |         |                    | ●           | ●            |          |
| Metromail Corporation                          |                    | ● |   |   |                   |                   |                       |                 | ●                |                  |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| COMPANY NAME                                     | SERVICES AVAILABLE |                   |                       |                |                  |       |                       |                  |                          |         | COMPUTER SERVICES  | PROCESSING MODE | PROCESSING TYPE | REMOTE COMPUTING |
|--|--------------------|-------------------|-----------------------|----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-----------------|-----------------|------------------|
|  | PROCESSING         | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE     | REMOTE BATCH    | DATABASE         |
| Micor-Net, Inc.                                  |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Micro Business Software Inc. (MBSI)              | •                  |                   |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Micro Business Systems, Inc.                     |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Micro D, Inc.                                    |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Micro Data Base Systems, Inc. Inc.               |                    | •                 | •                     | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Micro Five Corp.                                 |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Micro Focus Inc.                                 |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Micro Macro Systems Inc.                         | •                  | •                 | •                     | •              | •                | •     | •                     | •                |                          |         |                    |                 |                 |                  |
| Micro Solutions, Inc. (MSI)                      |                    | •                 | •                     | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Micro Systems Software                           |                    | •                 | •                     |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Micro-Base Associates, Inc.                      | •                  | •                 | •                     | •              | •                |       |                       |                  |                          |         |                    | •               |                 |                  |
| Micro-Call Services                              |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Micro-Tec, Inc.                                  |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Microcom Inc.                                    |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Microcommet                                      |                    |                   | •                     |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Micromark Systems                                |                    |                   |                       | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Micromedex Incorporated                          | •                  |                   |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| MicroPro International Corporation               |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Microsoft Corporation                            |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Mid-American Control Corporation                 |                    | •                 | •                     | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Midcom Corporation                               | •                  | •                 | •                     | •              | •                | •     |                       |                  |                          |         |                    | •               |                 |                  |
| Midwest Data Systems, Inc.                       | •                  | •                 | •                     |                | •                |       |                       |                  |                          |         |                    | •               |                 |                  |
| Miller Computing Corp.                           |                    |                   |                       | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Millerick & Associates Inc.                      |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Milton Allen & Associates, Inc.                  | •                  | •                 | •                     |                | •                | •     |                       |                  |                          |         |                    | •               |                 |                  |
| MIMICS, Inc.                                     |                    |                   |                       | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Mincron SBC Corporation                          |                    | •                 | •                     |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Mini Data Systems                                |                    |                   |                       | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Mini-Computer Business Applications, Inc. (MCBA) |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Mini-Computer Support Group                      |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Mini-Computer Systems, Inc.                      |                    | •                 |                       | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Mini-Probe Corporation                           | •                  |                   |                       | •              |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Mini-Systems Associates                          |                    |                   | •                     |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Minicomputer Company of Maryland, Inc.           | •                  | •                 | •                     | •              |                  |       |                       |                  |                          |         |                    | •               |                 |                  |
| Minimax Research Corp.                           | •                  | •                 | •                     |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |
| Miningham & Oellerich, Inc.                      | •                  | •                 | •                     | •              | •                | •     | •                     |                  |                          |         |                    | •               | •               |                  |
| Minitab, Inc.                                    |                    | •                 |                       |                |                  |       |                       |                  |                          |         |                    |                 |                 |                  |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX            |                    |  |  |  | COMPUTER SERVICES | PROCESSING MODE   | PROCESSING TYPE       |                 |                  | REMOTE COMPUTING |                       |                  |                          |         |                    |             |              |          |
|---|--------------------|--|--|--|-------------------|-------------------|-----------------------|-----------------|------------------|------------------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                            | SERVICES AVAILABLE |  |  |  | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH            | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|   |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Misco                                   |                    |  |  |  | ●                 |                   |                       |                 |                  | ●                |                       |                  |                          |         |                    |             |              |          |
| Mitchell Matics                         |                    |  |  |  | ●                 |                   |                       |                 | ●                |                  |                       |                  |                          |         |                    | ●           |              |          |
| Mitre Corporation                       |                    |  |  |  |                   |                   | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Mnemonics Incorporated                  |                    |  |  |  | ●                 | ●                 |                       | ●               |                  | ●                | ●                     |                  |                          |         |                    | ●           | ●            |          |
| Mobius Division                         |                    |  |  |  |                   | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Modern Computer Systems Corp            |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Modular Information Systems, Inc. (MIS) |                    |  |  |  |                   | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Modulus Medical Data Systems Inc.       |                    |  |  |  | ●                 |                   |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Molecular Design Ltd.                   |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Monchik-Weber California, Inc.          |                    |  |  |  | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Monchik-Weber Corporation               |                    |  |  |  | ●                 | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Monchik-Weber Metro Data, Inc.          |                    |  |  |  | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Money Management Systems, Inc.          |                    |  |  |  |                   | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Montgomery Data Systems Inc.            |                    |  |  |  | ●                 |                   |                       |                 |                  | ●                |                       |                  |                          |         |                    |             |              |          |
| Moore Data Management Systems           |                    |  |  |  | ●                 |                   | ●                     | ●               | ●                |                  |                       |                  |                          |         |                    |             |              | ●        |
| Morino Associates Inc.                  |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Mountain Software Growers, Inc.         |                    |  |  |  |                   | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Multinational Computer Models, Inc.     |                    |  |  |  | ●                 | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Multiplications, Inc.                   |                    |  |  |  |                   | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| MultiTask, Inc.                         |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Muse Software                           |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Mylee Digital Sciences, Inc.            |                    |  |  |  |                   |                   |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| NCA Corporation                         |                    |  |  |  | ●                 | ●                 |                       |                 | ●                | ●                |                       |                  |                          |         |                    | ●           |              |          |
| NCR Data Services                       |                    |  |  |  | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| NDC Federal Systems, Inc.               |                    |  |  |  |                   | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| NMG Systems Inc.                        |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| NSA, Inc.                               |                    |  |  |  |                   |                   | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| NAB Software Services                   |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Nabu Manufacturing Corp.                |                    |  |  |  |                   | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| National Bancard Corporation            |                    |  |  |  | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| National Billing Systems, Inc.          |                    |  |  |  | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| National Check Records Corp.            |                    |  |  |  | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| National Computer Analysts, Inc.        |                    |  |  |  | ●                 |                   |                       |                 | ●                | ●                |                       |                  |                          |         |                    |             |              |          |
| National Computer Systems, Inc.         |                    |  |  |  | ●                 |                   |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| National Data Communications            |                    |  |  |  |                   |                   | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| National Data Corporation               |                    |  |  |  | ●                 |                   | ●                     | ●               | ●                | ●                | ●                     |                  |                          |         |                    |             |              |          |
| National Data Services, Inc.            |                    |  |  |  | ●                 | ●                 |                       |                 |                  | ●                |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                        |                       |                   |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
|---|-----------------------|-------------------|-----------------------|-----------------|----------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|---------------------|--------------|----------|
| COMPANY<br>NAME                                     | SERVICES<br>AVAILABLE |                   |                       |                 | COMPUTER<br>SERVICES |       | PROCESSING<br>MODE    |                  | PROCESSING<br>TYPE       |         |                    | REMOTE<br>COMPUTING |              |          |
|   | PROCESSING            | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING     | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE         | REMOTE BATCH | DATABASE |
| National Datacentre Corp.                           | ●                     | ●                 | ●                     |                 | ●                    | ●     |                       |                  |                          |         |                    | ●                   | ●            |          |
| National Decision Systems, Inc.                     | ●                     |                   |                       |                 |                      |       | ●                     |                  |                          |         |                    |                     |              |          |
| National Economic Research Associates, Inc.         | ●                     |                   |                       |                 | ●                    |       |                       |                  |                          |         |                    | ●                   |              |          |
| National Electronic Information Corporation         | ●                     | ●                 | ●                     |                 | ●                    |       |                       |                  |                          |         |                    |                     |              |          |
| National Electronic Information Corp.               | ●                     | ●                 |                       |                 | ●                    |       |                       |                  |                          |         |                    |                     | ●            |          |
| National Evaluation Systems, Inc                    |                       |                   | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| National FSI, Inc.                                  |                       | ●                 |                       | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| National Information Systems, Inc.                  | ●                     | ●                 | ●                     |                 | ●                    |       |                       |                  |                          |         |                    | ●                   |              |          |
| National Information Utility                        | ●                     |                   |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| National Integrated Software Services Inc           |                       | ●                 | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| National Management Systems, Ltd.                   |                       | ●                 | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| National Planning Data Corporation                  | ●                     | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| National Systems, Inc.                              | ●                     | ●                 | ●                     | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| National Training Systems                           | ●                     |                   | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Nelson & Bauman, Inc.                               | ●                     | ●                 |                       | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Neodata Services                                    | ●                     |                   |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Neshaminy Valley Information Processing Inc. (NVIP) | ●                     |                   |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Network Computing Corporation                       | ●                     | ●                 | ●                     | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Network Consultants, Inc.                           |                       | ●                 | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Network Data Processing Corporation                 | ●                     | ●                 |                       |                 |                      |       | ●                     |                  |                          |         |                    |                     |              |          |
| New Directions                                      |                       |                   | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| New England Management Services Inc                 |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| New Systems, Inc.                                   |                       | ●                 | ●                     | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| NewsNet, Inc.                                       | ●                     |                   |                       |                 | ●                    |       |                       |                  |                          |         |                    | ●                   |              |          |
| Nichols & Company Inc.                              | ●                     | ●                 | ●                     |                 | ●                    | ●     |                       |                  |                          |         |                    | ●                   | ●            |          |
| Nielsen, A.C. Company                               | ●                     |                   |                       |                 | ●                    | ●     |                       |                  |                          |         |                    |                     |              |          |
| Nixdorf Computer Software Co.                       |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Nordata, Inc.                                       |                       | ●                 | ●                     | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| North American Processing                           | ●                     |                   |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Northeast Data Systems Inc.                         |                       |                   |                       | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Northeastern Computer Service Inc.                  | ●                     |                   |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Northwest Analytical Inc.                           |                       | ●                 |                       | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Northwest Keypunch, Inc.                            | ●                     |                   |                       |                 |                      | ●     |                       |                  |                          |         |                    |                     |              |          |
| Northwest Management Services, Inc.                 | ●                     |                   |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Norwest Computer Services, Inc.                     | ●                     |                   |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Norwest Financial, Inc.                             | ●                     |                   |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Novva Computer System, Inc.                         | ●                     |                   |                       | ●               |                      |       |                       |                  |                          |         |                    | ●                   |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX               |                    |  |  |  | COMPUTER SERVICES |                   | PROCESSING MODE       | PROCESSING TYPE |                  |       | REMOTE COMPUTING      |                  |                          |         |                    |             |              |          |
|--|--------------------|--|--|--|-------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                               | SERVICES AVAILABLE |  |  |  | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |  |  |  |                   |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Numerax, Inc.                              |                    |  |  |  | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Numeridex, Inc.                            |                    |  |  |  |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| NYPLAN, Inc.                               |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| OAQ  |                    |  |  |  | ●                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Oak Software                               |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Oasys, Inc. (Office Automation Systems)    |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Oatman Computer Services, Inc.             |                    |  |  |  |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Occidental Computer Systems, Inc.          |                    |  |  |  | ●                 | ●                 |                       | ●               | ●                |       |                       |                  |                          |         |                    | ●           |              |          |
| Occupational Computing Company, Inc.       |                    |  |  |  |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Occupational Health Services Inc.          |                    |  |  |  | ●                 |                   | ●                     | ●               | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| Oceanic Enterprises Inc.                   |                    |  |  |  | ●                 |                   | ●                     |                 | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| OCTO Limited                               |                    |  |  |  | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Odin Datasystems                           |                    |  |  |  | ●                 |                   |                       |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Office Automation Resources Inc            |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Office Services Inc. (OSI)                 |                    |  |  |  | ●                 |                   | ●                     |                 | ●                | ●     | ●                     |                  |                          |         |                    | ●           | ●            | ●        |
| Officesmiths, Inc.                         |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Offshore Information Services, Inc.        |                    |  |  |  | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Offutt Publishing                          |                    |  |  |  |                   |                   |                       | ●               | ●                |       |                       |                  |                          |         |                    | ●           |              | ●        |
| Ohio Valley Data Control, Inc.             |                    |  |  |  | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Oil Data Processing Co.                    |                    |  |  |  | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Olson Research                             |                    |  |  |  |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Olympic Systems Inc.                       |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Omega Microware, Inc.                      |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| OMIKRON                                    |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| OMNI Resources, Inc.                       |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Omni-American                              |                    |  |  |  |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Omtool Corporation                         |                    |  |  |  |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| On-Going Ideas                             |                    |  |  |  | ●                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| On-Line Accounting Systems Inc.            |                    |  |  |  |                   | ●                 | ●                     | ●               | ●                | ●     |                       |                  |                          |         |                    | ●           | ●            |          |
| On-Line Business Systems Inc.              |                    |  |  |  | ●                 | ●                 |                       |                 | ●                |       | ●                     |                  |                          |         |                    | ●           | ●            |          |
| On-Line Computer Systems, Inc.             |                    |  |  |  | ●                 |                   |                       |                 | ●                |       |                       |                  |                          |         |                    | ●           |              |          |
| On-Line Software International, Inc.       |                    |  |  |  |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Online Computer Library Center Inc. (OCLC) |                    |  |  |  | ●                 | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Opcode, Inc.                               |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Open Systems, Inc.                         |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| OPOC Computing Inc.                        |                    |  |  |  | ●                 |                   |                       |                 |                  | ●     |                       | ●                |                          |         | ●                  |             |              |          |
| Oracle Corporation                         |                    |  |  |  |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX        |                    | COMPUTER SERVICES |                   | PROCESSING MODE       |                 | PROCESSING TYPE  |       |                       | REMOTE COMPUTING |                          |         |                    |             |              |          |
|-------------------------------------|--------------------|-------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                        | SERVICES AVAILABLE | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|                                     |                    |                   |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| ORBIS, Inc.                         |                    | ●                 | ●                 | ●                     |                 |                  | ●     | ●                     |                  |                          |         |                    | ●           |              |          |
| Oregon Software, Inc.               |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Organization Change Corporation     |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Orr, Ken & Associates               |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Oxford Software Corporation         |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| P K Systems Inc.                    |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| P.A. Computers & Telecommunications |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| P.C. Quote, Inc.                    |                    | ●                 | ●                 | ●                     |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| P-Stat, Inc.                        |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| PBS Computing                       |                    | ●                 |                   |                       | ●               | ●                | ●     |                       | ●                |                          |         |                    | ●           | ●            |          |
| PCS Data Processing Inc.            |                    | ●                 |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| PDA Incorporated                    |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| PDPS Computer Services              |                    | ●                 |                   |                       | ●               | ●                | ●     |                       |                  |                          |         |                    | ●           |              |          |
| PM Computer Services Company        |                    | ●                 | ●                 | ●                     | ●               | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| PRC Government Information Systems  |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| PRC Realty Systems                  |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| PSA, Inc.                           |                    | ●                 |                   |                       |                 | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| PSI Energy Software, Inc.           |                    | ●                 | ●                 | ●                     | ●               | ●                |       |                       |                  |                          |         |                    | ●           |              |          |
| PSI-MED Corporation                 |                    |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pace Computer Systems               |                    | ●                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pacesetter Systems, Inc.            |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pacific Computer Systems            |                    | ●                 | ●                 |                       |                 |                  | ●     |                       | ●                |                          |         |                    | ●           |              |          |
| Pacific Data Systems                |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pacific Health Resources            |                    | ●                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pacific Sierra Research             |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| PAID Prescriptions, Inc.            |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Paladin Software Corp.              |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| PALLM, Inc.                         |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pan American Systems Corporation    |                    |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Panatec Inc.                        |                    |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pansophic Systems, Incorporated     |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pantech Inc.                        |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| PAR Technology Corporation          |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Para Data, Inc.                     |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Para Research                       |                    | ●                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Parallax Systems, Inc.              |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Park Avenue                         |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |



# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX         |                    |  |  |  | COMPUTER SERVICES | PROCESSING MODE   | PROCESSING TYPE       | REMOTE COMPUTING |                  |       |                       |                  |                          |         |                    |             |              |          |
|--------------------------------------|--------------------|--|--|--|-------------------|-------------------|-----------------------|------------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                         | SERVICES AVAILABLE |  |  |  | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS  | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|                                      |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Parke-Randall Management Co.         |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Parker Computer Systems              |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pattern Systems Of NJ                |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Patton Consultants, Inc.             |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pay-Fone Systems, Inc.               |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Paychex, Inc.                        |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Payday, The Payroll Co., Inc.        |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Payne, Bruce Consultants Inc.        |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Paynter, E.F. & Associates, Inc.     |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Peachtree Software Inc.              |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pearl Data Systems                   |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pearlsoft Inc.                       |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Peat, Marwick, Mitchell & Co.        |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pegasus Systems, Incorporated        |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pennington Systems Incorporated      |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Penta Systems International, Inc.    |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pentamation Enterprises Inc.         |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Perception Technology Corp.          |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Peregrine Systems Inc.               |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Perfect Software, Inc.               |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Performance Development Corporation  |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Performance Systems, Inc.            |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Personal Computer Management Corp.   |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Personal Systems Technology Inc      |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Personnel Data Systems, Inc.         |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Personnelmetrics, Inc.               |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Petroleum Information Corporation    |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Petroleum Software Systems, Inc.     |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Petroleum Software, Inc.             |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pharmaceutical Card Systems, Inc.    |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pharmacon                            |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Phase One Systems Inc.               |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Phase 3                              |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Phoenix Data Processing              |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Phoenix Systems, Inc.                |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Photo Data Inc.                      |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Physicians Practice Management, Inc. |                    |  |  |  |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| COMPANY<br>NAME                                 | SERVICES<br>AVAILABLE |                   |                       |                |                  |       |                       |                  |                          |         | COMPUTER<br>SERVICES | PROCESSING<br>MODE | PROCESSING<br>TYPE | REMOTE<br>COMPUTING |
|---|-----------------------|-------------------|-----------------------|----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|----------------------|--------------------|--------------------|---------------------|
|   | PROCESSING            | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY   | INTERACTIVE        | REMOTE BATCH       | DATABASE            |
| Pilot Executive Software                        |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Pinkerton Computer Consultants                  |                       |                   | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Pioneer Software, Inc.                          |                       | ●                 | ●                     | ●              |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Planmetrics Inc.                                |                       | ●                 | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Planning & Control Inc.                         |                       |                   | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Planning Research Corporation                   | ●                     |                   | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Plansmith Corporation                           | ●                     |                   |                       | ●              | ●                |       |                       |                  |                          |         |                      |                    | ●                  |                     |
| Players Computer Inc.                           | ●                     | ●                 |                       | ●              | ●                | ●     |                       |                  |                          |         |                      | ●                  |                    |                     |
| Police Data Systems                             |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Policy Management Systems (PMS)                 | ●                     | ●                 | ●                     | ●              | ●                |       |                       |                  |                          |         |                      |                    |                    |                     |
| Poorman-Douglas Corporation                     | ●                     |                   |                       | ●              | ●                | ●     |                       |                  |                          |         |                      |                    |                    |                     |
| Portable Software Inc.                          |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Power Base Systems                              | ●                     | ●                 | ●                     | ●              |                  |       |                       | ●                |                          |         |                      |                    |                    |                     |
| Power Management                                | ●                     |                   |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Practical Business Systems, Inc.                |                       |                   | ●                     | ●              |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Precision Visuals, Inc.                         |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Prestige Software Analysts, Inc.                |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Price Waterhouse & Co.                          |                       | ●                 | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Primavera Systems Inc.                          |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Princeton Software Co, The                      |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Processing Management Systems (PMS)             | ●                     |                   |                       |                | ●                | ●     |                       |                  |                          |         |                      | ●                  | ●                  |                     |
| Prodigy Systems, Inc.                           |                       |                   | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Product Group, Inc.                             |                       | ●                 | ●                     | ●              |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Productive Computer Systems                     |                       | ●                 |                       | ●              |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Professional Business Industries Inc            |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Professional Business Software                  |                       | ●                 |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Professional Computer Resources, Inc.           |                       | ●                 | ●                     | ●              |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Professional Computer Service                   | ●                     |                   |                       |                | ●                | ●     |                       |                  |                          |         |                      |                    |                    |                     |
| Professional Consulting Services of Georgia Inc |                       |                   | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Professional Data Corp.                         | ●                     |                   |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Professional Data Management                    | ●                     |                   | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Professional Data Systems                       |                       | ●                 |                       | ●              |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Professional Geophysics Inc.                    | ●                     |                   |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Professional Processing, Inc.                   | ●                     |                   |                       |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Professional Software Solutions, Inc.           |                       | ●                 | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Profimatics Inc.                                |                       | ●                 | ●                     |                |                  |       |                       |                  |                          |         |                      |                    |                    |                     |
| Profit Control Systems                          |                       |                   |                       | ●              |                  |       |                       |                  |                          |         |                      |                    |                    |                     |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX           |                    |  |  |  | COMPUTER SERVICES | PROCESSING MODE | PROCESSING TYPE   |                       |                 | REMOTE COMPUTING |       |                       |                  |                          |         |                    |             |              |          |
|--|--------------------|--|--|--|-------------------|-----------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                           | SERVICES AVAILABLE |  |  |  |                   | PROCESSING      | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |  |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Profitool, Inc.                        |                    |  |  |  |                   | ●               | ●                 |                       | ●               | ●                |       |                       |                  |                          |         |                    |             | ●            |          |
| Program Design Inc.                    |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Program Systems, Inc.                  |                    |  |  |  |                   |                 | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Programatics, Inc.                     |                    |  |  |  |                   |                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Programmed Systems Inc.                |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Programs & Analysis, Inc.              |                    |  |  |  |                   | ●               |                   |                       |                 | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| Project Software & Development, Inc.   |                    |  |  |  |                   |                 | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Promedics Data Corporation             |                    |  |  |  |                   |                 | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Proprietary Computer Systems, Inc.     |                    |  |  |  |                   | ●               |                   |                       |                 | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Proprietary Software Systems, Inc.     |                    |  |  |  |                   |                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Proteus Systems Inc.                   |                    |  |  |  |                   | ●               |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Proximity Devices Corporation          |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pryor Corporation                      |                    |  |  |  |                   | ●               |                   |                       | ●               | ●                |       |                       |                  |                          |         |                    |             | ●            |          |
| Psych Systems, Inc.                    |                    |  |  |  |                   |                 | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Pulsar Systems, Inc.                   |                    |  |  |  |                   | ●               | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Punch Card Processing Co.              |                    |  |  |  |                   | ●               |                   |                       |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Q.S., Incorporated                     |                    |  |  |  |                   |                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Quadra Systems                         |                    |  |  |  |                   | ●               | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Quadrex Corporation                    |                    |  |  |  |                   |                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Quadsoft, Inc.                         |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Quadstar Corporation                   |                    |  |  |  |                   | ●               |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Qualtek Systems Laboratory, Inc.       |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Quanteckna Research Corp.              |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Quantitative Software Management, Inc. |                    |  |  |  |                   |                 | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Quantum Research                       |                    |  |  |  |                   |                 |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Quark Engineering                      |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Quarterdeck Software                   |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Quest, Inc.                            |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Quic-N-Easi Products, Inc.             |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Quick-Tax Ltd.                         |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Quotron Systems Inc.                   |                    |  |  |  |                   | ●               |                   |                       |                 | ●                |       |                       |                  |                          |         |                    |             | ●            |          |
| R.A.I.R.                               |                    |  |  |  |                   | ●               |                   |                       | ●               | ●                |       |                       |                  |                          |         |                    |             | ●            |          |
| RCO Corp.                              |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| RDW Systems, Inc.                      |                    |  |  |  |                   |                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| RKI Databank                           |                    |  |  |  |                   | ●               |                   |                       |                 | ●                |       |                       |                  |                          |         |                    |             |              | ●        |
| RLG Corporation                        |                    |  |  |  |                   | ●               | ●                 | ●                     | ●               | ●                |       |                       | ●                |                          | ●       | ●                  | ●           |              |          |
| RMC Research                           |                    |  |  |  |                   |                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                  |                       |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
|---|-----------------------|-------------------|-----------------------|-----------------|----------------------|--------------------|-----------------------|------------------|--------------------------|---------------------|--------------------|-------------|--------------|----------|
| COMPANY<br>NAME                               | SERVICES<br>AVAILABLE |                   |                       |                 | COMPUTER<br>SERVICES | PROCESSING<br>MODE | PROCESSING<br>TYPE    |                  |                          | REMOTE<br>COMPUTING |                    |             |              |          |
|   | PROCESSING            | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING     | BATCH              | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY             | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
| ROH   |                       |                   |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| ROI Consulting Inc.                           |                       |                   | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| RTC Systems, Inc                              |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| RTR Software                                  |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| RWB Associates                                | ●                     | ●                 | ●                     | ●               | ●                    |                    |                       |                  |                          |                     |                    | ●           | ●            |          |
| Racal-Redac, Inc.                             | ●                     |                   | ●                     | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Rand Information Systems, Inc.                | ●                     |                   | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Rand Systems Corp.                            |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Rand Travel Agency Services                   | ●                     |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Randco Key punch Service                      | ●                     |                   |                       |                 | ●                    |                    |                       |                  |                          |                     |                    |             |              |          |
| Randolph Technical Services, Inc.             |                       |                   | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Rans Micro Systems, Inc.                      |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Rath & Strong, Inc. Products, Inc.            |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Raven Systems and Research, Inc.              |                       |                   | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Reader's Digest Services                      |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Real Estate Data                              | ●                     |                   |                       |                 |                      | ●                  |                       |                  |                          |                     |                    |             |              |          |
| Real Estate Information Tracking Systems      |                       | ●                 |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Reality Software Company                      |                       | ●                 | ●                     | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Realtron Corporation                          | ●                     |                   |                       |                 | ●                    |                    |                       |                  |                          | ●                   | ●                  | ●           |              | ●        |
| REAP Inc.                                     | ●                     |                   |                       | ●               |                      | ●                  |                       |                  |                          |                     |                    |             |              |          |
| Redshaw, Inc.                                 |                       | ●                 | ●                     | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Rehab Group, Inc.                             | ●                     |                   | ●                     | ●               |                      | ●                  |                       |                  |                          |                     |                    |             |              |          |
| Reiter Software Systems Inc.                  |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Relational Database Systems, Inc              | ●                     | ●                 | ●                     | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Relational Technology Inc.                    |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Remasco Inc.                                  |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Republic Management Systems                   | ●                     | ●                 | ●                     |                 |                      |                    | ●                     |                  | ●                        |                     |                    |             |              |          |
| Republic Service Bureau Inc.                  | ●                     |                   |                       |                 | ●                    | ●                  |                       |                  |                          |                     |                    | ●           |              |          |
| Republic Technology Corp. Systems Division    | ●                     | ●                 | ●                     | ●               | ●                    | ●                  |                       |                  |                          |                     |                    |             | ●            |          |
| Resource Information Management Systems, Inc. |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Resource Software International, Inc.         |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Response of Hawaii, Inc.                      | ●                     | ●                 |                       |                 | ●                    |                    |                       |                  |                          |                     |                    | ●           |              |          |
| Reuters North America                         | ●                     |                   |                       |                 | ●                    |                    |                       |                  |                          |                     |                    |             |              |          |
| Reveal Software, Inc.                         |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Revere Technology                             |                       | ●                 | ●                     | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Reynolds & Reynolds Company, The              | ●                     |                   |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Rhintek, Inc.                                 |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX              |                    |  |  |  | COMPUTER SERVICES | PROCESSING MODE | PROCESSING TYPE   |                       |                 | REMOTE COMPUTING |       |                       |                  |                          |         |                    |             |              |          |
|---|--------------------|--|--|--|-------------------|-----------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                              | SERVICES AVAILABLE |  |  |  |                   | PROCESSING      | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|   |                    |  |  |  |                   |                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Richardson I. Lawrence & Associates, Inc  |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Roanco Associates                         |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Rockford Research Inc.                    |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Rockie Smith Enterprises Inc. (RSE Inc)   |                    |  |  |  |                   | ●               |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Rocky Mountain Software Systems           |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Roncom Systems Inc.                       |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Roshell Ivri Software Company             |                    |  |  |  |                   |                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Ross Systems, Inc.                        |                    |  |  |  |                   | ●               | ●                 | ●                     |                 | ●                |       |                       |                  |                          |         |                    | ●           |              |          |
| Rothenberg Information Systems Inc.       |                    |  |  |  |                   |                 |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Rubel Software                            |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Ryan-McFarland Corp.                      |                    |  |  |  |                   |                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| S & H Computer Systems                    |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| S-Cubed                                   |                    |  |  |  |                   | ●               | ●                 |                       |                 | ●                | ●     |                       |                  |                          |         |                    | ●           | ●            | ●        |
| SAS Institute, Inc.                       |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| SBD Computer Services                     |                    |  |  |  |                   | ●               |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| SCA Products & Services                   |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| SD Transport Services, Inc.               |                    |  |  |  |                   | ●               |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| SDA Federal Systems, Inc.                 |                    |  |  |  |                   |                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| SDI                                       |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| SDK Medical Computer Services Corporation |                    |  |  |  |                   | ●               |                   |                       | ●               | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| SEI Corporation                           |                    |  |  |  |                   | ●               |                   | ●                     | ●               |                  |       | ●                     |                  |                          |         |                    |             |              |          |
| SEI Information Technology                |                    |  |  |  |                   | ●               |                   | ●                     |                 |                  |       | ●                     |                  |                          |         |                    |             |              |          |
| SGM, Inc.                                 |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| SIS SunData                               |                    |  |  |  |                   | ●               | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| SJV Data Service Inc.                     |                    |  |  |  |                   | ●               | ●                 | ●                     | ●               | ●                | ●     |                       |                  |                          |         |                    | ●           | ●            |          |
| SKK, Inc.                                 |                    |  |  |  |                   |                 | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| SMC Software Systems                      |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| SRS Programming Reserve Inc.              |                    |  |  |  |                   |                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| SSM Microcomputer Products Inc.           |                    |  |  |  |                   |                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| STC Systems, Inc.                         |                    |  |  |  |                   |                 |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| STS, Inc.                                 |                    |  |  |  |                   | ●               |                   | ●                     | ●               | ●                |       | ●                     |                  |                          |         |                    | ●           |              |          |
| STSC, Inc.                                |                    |  |  |  |                   | ●               | ●                 |                       |                 |                  |       | ●                     |                  |                          |         |                    | ●           |              |          |
| Sachs/Freeman Associates Inc.             |                    |  |  |  |                   |                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Saddlebrook Corporation                   |                    |  |  |  |                   |                 |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| SAFECO Title Insurance                    |                    |  |  |  |                   | ●               |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Safeguard Business Systems, Inc.          |                    |  |  |  |                   | ●               |                   |                       | ●               |                  | ●     |                       | ●                |                          |         | ●                  |             |              |          |
| Safeguard Scientifics, Inc.               |                    |  |  |  |                   |                 | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX               |                    |  |  |  | COMPUTER SERVICES | PROCESSING MODE   | PROCESSING TYPE       |                 |                  | REMOTE COMPUTING |                       |                  |                          |         |                    |             |              |          |
|--|--------------------|--|--|--|-------------------|-------------------|-----------------------|-----------------|------------------|------------------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                               | SERVICES AVAILABLE |  |  |  | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH            | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Sage Data Inc.                             |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Sage Systems Inc.                          |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| San Francisco Systems, Inc.                |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Santa Cruz Software Services               |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Sarig Business Systems, Inc.               |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Sat Com Inc.                               |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| SATCOM (Satellite Computing, Inc.)         |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Satellite Software International(SSI)      |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Saztec                                     |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Scheduling Corporation of America          |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Schulstad, Myers & Associates Inc          |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Science Applications, Inc.                 |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Science Management Corporation             |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Scientific Calculations                    |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Scientific Computers Inc.                  |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Scientific Information Retrieval, Inc.     |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Scientific Software-Intercomp              |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Scribe Data Systems                        |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Scripps Data Systems Inc.                  |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Securities Data Company, Inc.              |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Securities Industry Automation Corporation |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Sedalia Computer Services, Inc.            |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Sedlak, J.P. Associates                    |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Seis Pros, Inc.                            |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Seiscom Delta, Inc.                        |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Seisdata Services, Inc.                    |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Seismic & Digital Concepts, Inc.           |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Seismic International Research Corp        |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Seismic Processors, Inc.                   |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Seismograph Service Corp.                  |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Selamar Corp.                              |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Selva Systems Inc.                         |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Sensible Software                          |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Sentinel Computer                          |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Sentry Data Inc.                           |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Sercon Corporation                         |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| SERENA Consulting                          |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX               |                       |                   |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
|--|-----------------------|-------------------|-----------------------|-----------------|----------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|---------------------|--------------|----------|
| COMPANY<br>NAME                            | SERVICES<br>AVAILABLE |                   |                       |                 | COMPUTER<br>SERVICES |       | PROCESSING<br>MODE    |                  | PROCESSING<br>TYPE       |         |                    | REMOTE<br>COMPUTING |              |          |
|  | PROCESSING            | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING     | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE         | REMOTE BATCH | DATABASE |
| Service Software Inc.                      |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Shaes & Co.                                |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Shaker Computer and Management Services    | ●                     | ●                 |                       |                 | ●                    | ●     | ●                     |                  |                          |         |                    |                     |              |          |
| Shales & Young Information Systems, Inc    |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Shared Financial Systems                   |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Shared Medical Systems Corporation         | ●                     | ●                 | ●                     | ●               | ●                    |       | ●                     |                  |                          |         |                    |                     |              |          |
| Sharp, I.P. Associates                     | ●                     | ●                 | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Shaw Data Services, Inc.                   | ●                     |                   |                       |                 | ●                    |       |                       | ●                |                          |         |                    | ●                   |              | ●        |
| Shirley Software Systems                   | ●                     | ●                 | ●                     |                 |                      | ●     |                       |                  |                          |         |                    | ●                   |              |          |
| Shriver, R., Associates                    |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Sierra On-Line, Inc.                       |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Sigma Software Inc.                        |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Signal Technology, Inc.                    | ●                     | ●                 |                       |                 | ●                    |       |                       |                  |                          |         |                    |                     |              |          |
| Silicon Valley Systems Inc.                |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Simcon Inc.                                | ●                     | ●                 | ●                     | ●               | ●                    |       | ●                     |                  |                          |         |                    |                     |              |          |
| SIMPLAN Systems Inc (SSI)                  |                       | ●                 | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Simple Soft Inc.                           |                       | ●                 | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Sirco Enterprises, Inc.                    |                       |                   | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Small Business Data Processing Corporation | ●                     | ●                 | ●                     | ●               | ●                    | ●     | ●                     |                  |                          |         |                    | ●                   |              |          |
| Small Business Management Systems Inc      |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Small Business Systems Group               |                       | ●                 | ●                     | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Smart Communications Inc.                  |                       |                   | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Smart, Inc.                                | ●                     | ●                 | ●                     | ●               |                      | ●     | ●                     |                  |                          |         |                    |                     | ●            |          |
| SMITES Group                               |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Smith, A.O. Data Systems Division          | ●                     | ●                 | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Smith, Dennis & Gaylord                    | ●                     | ●                 | ●                     | ●               | ●                    |       |                       |                  |                          |         |                    |                     |              |          |
| Smyth Business Systems                     | ●                     | ●                 |                       |                 |                      | ●     |                       |                  |                          |         |                    |                     |              |          |
| Soft Core International, Inc.              |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Soft Pro Systems                           |                       | ●                 | ●                     | ●               |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Softech Microsystems Inc.                  |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| SofTech, Inc.                              |                       | ●                 | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Softlink                                   |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Softmatics Corporation                     |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Softool Corporation                        |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Softsel Computer Products, Inc.            |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Software AG of North America, Inc.         |                       | ●                 |                       |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |
| Software Alliance                          |                       | ●                 | ●                     |                 |                      |       |                       |                  |                          |         |                    |                     |              |          |



# CAMP COMPUTER SERVICES INDEX

| COMPANY<br>NAME                                    | SERVICES<br>AVAILABLE | COMPUTER<br>SERVICES |                   |                       | PROCESSING<br>MODE | PROCESSING<br>TYPE |                  |       |                       |                  |                          |         |                    |             |              |
|--|-----------------------|----------------------|-------------------|-----------------------|--------------------|--------------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|
|  |                       | PROCESSING           | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES |                    | TURNKEY SYSTEMS    | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH |
| Software Alternatives                              |                       |                      | ●                 | ●                     |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Arts Inc.                                 |                       |                      | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Authority, The                            |                       |                      | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Clearing House, The                       |                       |                      | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Connections, Inc.                         |                       |                      | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Corporation of America                    |                       |                      | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Design Associates, Inc.                   |                       |                      | ●                 | ●                     |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Development & Maintenance Int'l. Inc.     |                       |                      | ●                 | ●                     |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software International Inc.                        |                       |                      | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Laboratories, Inc.                        |                       |                      | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Maintenance and Development Systems, Inc. |                       |                      | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Publishing Corporation                    |                       |                      | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Pursuits, Inc.                            |                       |                      | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Research Associates                       |                       |                      |                   | ●                     |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Research Corp.                            | ●                     | ●                    | ●                 | ●                     |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Services                                  |                       | ●                    | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Services Of America Inc.                  |                       | ●                    |                   |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Shop Systems, Inc.                        |                       | ●                    |                   |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Solutions Inc.                            |                       | ●                    | ●                 | ●                     |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Systems Associates                        |                       |                      | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Systems Inc.                              | ●                     | ●                    | ●                 |                       | ●                  |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Systems Inc.                              |                       | ●                    |                   | ●                     |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Software Techniques, Inc.                          |                       | ●                    | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Solid Software Inc.                                |                       | ●                    |                   |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Solosystems Inc.                                   |                       |                      |                   | ●                     |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Solution Systems, Inc.                             | ●                     | ●                    | ●                 | ●                     | ●                  | ●                  | ●                |       |                       |                  |                          |         | ●                  |             |              |
| Sophisticated Data Research, Inc.                  | ●                     |                      | ●                 | ●                     |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Sorcim/IUS   |                       | ●                    |                   |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Sorites, Inc.                                      |                       | ●                    | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| SOTA Computer Systems                              |                       | ●                    | ●                 |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Source Data, Inc.                                  |                       | ●                    | ●                 | ●                     |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Source Telecomputing Corporation                   | ●                     | ●                    |                   |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Source-2   | ●                     |                      |                   |                       |                    |                    |                  | ●     |                       |                  |                          |         |                    |             |              |
| South Hills Computer Center Inc.                   | ●                     | ●                    |                   | ●                     | ●                  | ●                  |                  |       |                       |                  |                          |         |                    | ●           |              |
| Southern Computer Systems, Inc.                    |                       | ●                    | ●                 | ●                     |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Southwest Modular Systems, Inc.                    |                       |                      |                   | ●                     |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |
| Southwest Software Services Inc                    |                       | ●                    |                   |                       |                    |                    |                  |       |                       |                  |                          |         |                    |             |              |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX               |                    | COMPUTER SERVICES | PROCESSING MODE   | PROCESSING TYPE       | REMOTE COMPUTING |                  |       |                       |                  |                          |         |                    |             |              |          |
|--|--------------------|-------------------|-------------------|-----------------------|------------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                               | SERVICES AVAILABLE | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS  | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |                   |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Space Age Computation Systems              |                    |                   |                   | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Spartacus Computers, Inc.                  |                    |                   | ●                 | ●                     | ●                |                  |       |                       |                  |                          |         |                    |             |              |          |
| Specialty Computer Services Inc.           |                    | ●                 | ●                 | ●                     | ●                | ●                | ●     | ●                     |                  |                          |         |                    | ●           | ●            |          |
| Spectrogram Corporation                    |                    |                   | ●                 | ●                     | ●                |                  |       |                       |                  |                          |         |                    |             |              |          |
| Spectron Corporation                       |                    | ●                 |                   |                       |                  | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Spectrum International, Inc.               |                    |                   | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Sperry Corporation Computer Systems        |                    |                   | ●                 | ●                     | ●                |                  |       |                       |                  |                          |         |                    |             |              |          |
| Spinnaker Software Corporation             |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Spring Rock Consultants, Inc.              |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Squire, Buresh Associates Inc.             |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| St. Joseph Systems                         |                    | ●                 | ●                 |                       |                  | ●                |       |                       |                  |                          |         |                    |             | ●            |          |
| Standard & Poor's Compustat Services, Inc. |                    | ●                 |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Stanford Engineering Corp.                 |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Star Inc.                                  |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Star Software                              |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Star Value Software                        |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| STAT:TAB                                   |                    | ●                 |                   | ●                     |                  | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| State of the Art Inc.                      |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| State Space Systems Inc.                   |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Station Business Systems                   |                    |                   |                   |                       | ●                |                  |       |                       |                  |                          |         |                    |             |              |          |
| Statistical Graphics Corp.                 |                    |                   | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Statistical Tabulating Corporation         |                    | ●                 |                   |                       |                  | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| Stauffer Development Corp.                 |                    |                   | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Sterling Software Marketing                |                    |                   | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Sterling Software, Inc.                    |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Stockholder Systems, Inc.                  |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Stonehouse & Company                       |                    |                   | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Strata Search Processing Co., Inc          |                    | ●                 |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Strategic Information                      |                    | ●                 | ●                 |                       | ●                | ●                |       |                       |                  |                          |         |                    | ●           |              |          |
| Strategic System Solutions, Inc.           |                    |                   |                   | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Structural Members Users Group             |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Structured Methods, Inc.                   |                    |                   |                   | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Structured Systems Group, Inc.             |                    |                   | ●                 |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Structured Technology Corporation          |                    |                   | ●                 | ●                     |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| Summagraphics Corporation                  |                    |                   |                   |                       | ●                |                  |       |                       |                  |                          |         |                    |             |              |          |
| Sun Country Financial Corporation          |                    | ●                 |                   |                       |                  |                  |       |                       |                  |                          |         |                    |             |              |          |
| SunData Corporation                        |                    | ●                 | ●                 |                       |                  | ●                |       |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX              |                       |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
|---|-----------------------|-------------------|-----------------------|-----------------|----------------------|--------------------|-----------------------|------------------|--------------------------|---------------------|--------------------|-------------|--------------|----------|
| COMPANY<br>NAME                           | SERVICES<br>AVAILABLE |                   |                       |                 | COMPUTER<br>SERVICES | PROCESSING<br>MODE | PROCESSING<br>TYPE    |                  |                          | REMOTE<br>COMPUTING |                    |             |              |          |
|   | PROCESSING            | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING     | BATCH              | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY             | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
| Suntel Systems Corporation                |                       |                   |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Superdata, Inc.                           | ●                     |                   |                       |                 |                      | ●                  |                       |                  |                          |                     |                    |             |              |          |
| Superset, Inc.                            |                       | ●                 |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| SuperSoft Associates                      |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Survey Tabulation Services Inc.           | ●                     |                   |                       |                 | ●                    |                    |                       |                  |                          |                     |                    |             |              |          |
| Sydney Development Corporation            |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Symbolic Financial Systems Corporation    |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Symbolics                                 |                       |                   |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Syncsort Inc.                             |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Synercom Technology, Inc.                 |                       | ●                 |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Synergos, Inc.                            |                       |                   |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Synergy Systems, Inc.                     |                       |                   |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Syntel                                    |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Syntelligence                             |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Syscom, Inc.                              |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| SYSCON Corporation                        | ●                     | ●                 | ●                     | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| SYSGEN, Inc.                              |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Systech Inc.                              | ●                     | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| System Automation Corporation             |                       | ●                 | ●                     | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| System Communication Corp.                | ●                     |                   |                       |                 | ●                    | ●                  |                       | ●                |                          |                     |                    | ●           | ●            | ●        |
| System Development Corporation            | ●                     |                   | ●                     | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| System Integration Associates             |                       |                   |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| System Support Software, Inc.             |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| System's Technology Automated Resources   |                       | ●                 | ●                     | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Systematics, Inc.                         | ●                     | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Systemation, Inc.                         |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Systemhouse Ltd.                          |                       | ●                 | ●                     | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Systemhouse, Inc.                         |                       | ●                 | ●                     | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Systemp Of Florida, Inc.                  |                       |                   | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Systemp Of New Jersey, Inc.               |                       |                   | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Systemp Of Texas, Inc.                    |                       |                   | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Systemp, Inc.                             |                       |                   | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Systems & Computer Technology Corporation |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Systems & Information Dynamics, Inc.      |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Systems and Applied Sciences Corporation  |                       |                   | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Systems and Programming Resources Inc.    |                       |                   | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Systems Architects, Inc.                  | ●                     | ●                 | ●                     |                 | ●                    | ●                  | ●                     |                  |                          |                     |                    | ●           |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                        |                    | COMPUTER SERVICES |                   | PROCESSING MODE       |                 | PROCESSING TYPE  |       |                       | REMOTE COMPUTING |                          |         |                    |             |              |          |
|---|--------------------|-------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME  | SERVICES AVAILABLE | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|   |                    |                   |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Associates Inc. (SAI)                       |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Center, Inc., The                           |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Control, Inc.                               |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Coordination Inc.                           |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Data Inc.                                   |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Data Processing Corporation                 |                    | ●                 | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Data Processing Corporation San Jose        |                    | ●                 | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Design & Development Corporation            |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Designs                                     |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Engineering Computer Co.                    |                    | ●                 |                   | ●                     | ●               | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| Systems Groups Associates, Inc.                     |                    | ●                 |                   | ●                     |                 | ●                |       | ●                     |                  |                          |         |                    |             |              |          |
| Systems Management American Corp.                   |                    | ●                 |                   | ●                     |                 | ●                |       | ●                     |                  |                          |         |                    |             |              |          |
| Systems Management Inc.                             |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Network Inc.                                |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Plus Inc.                                   |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Products International, Inc.                |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Specialists, The                            |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems Strategies, Inc.                            |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systems/Software Engineering                        |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systonetics, Inc.                                   |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Systran Commercial Corp.                            |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Sytech Corporation                                  |                    | ●                 | ●                 | ●                     | ●               |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| T & B Computing Inc.                                |                    | ●                 | ●                 |                       | ●               | ●                |       |                       |                  |                          |         |                    | ●           |              |          |
| T Systems   |                    | ●                 |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| T.C.S., Inc. (Transportation Concepts And Services) |                    | ●                 | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| T.S.R. Consulting Services, Inc.                    |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| TCS Software Inc.                                   |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| TEC   |                    |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| TKS Corporation                                     |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| TLS Company   |                    | ●                 |                   |                       |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| TMI Systems Corporation                             |                    | ●                 | ●                 | ●                     |                 | ●                |       |                       |                  |                          |         |                    |             |              |          |
| TOM Software (The Office Manager, Inc.)             |                    |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| TRW Information Services                            |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| TRW Property Data Services                          |                    | ●                 |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| TSI International Ltd.                              |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| TSR, Inc.   |                    | ●                 |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Tabershaw Occupational Medicine Association         |                    | ●                 | ●                 | ●                     |                 | ●                |       | ●                     |                  |                          |         |                    | ●           |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX             |                    | COMPUTER SERVICES |                   | PROCESSING MODE       |                 | PROCESSING TYPE  |       |                       |                  | REMOTE COMPUTING         |         |                    |             |              |          |
|--|--------------------|-------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                             | SERVICES AVAILABLE | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|  |                    |                   |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Tag Inc.                                 |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Tailored Data, Inc.                      |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Tandem Computers Incorporated            |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Tandy Corporation                        |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Target Software, Inc.                    |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Taurus Software                          |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Tech Products, Inc.                      |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Techdyn Systems Corp.                    |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Technalysis Corporation                  |                    |                   | ●                 | ●                     |                 | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Technical Analysis Corporation (TAC)     |                    |                   | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Technical Support Associates Inc.        |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Technical Systems Consultants Inc. (TSC) |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Technicon Data Systems Corporation       |                    |                   | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Technology And Information, Products     |                    |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Technology Development of California     |                    |                   | ●                 |                       | ●               |                  |       | ●                     |                  |                          |         |                    |             |              |          |
| Technology Industries                    |                    |                   |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Tekkon Computer Services                 |                    |                   | ●                 | ●                     | ●               | ●                | ●     |                       |                  |                          |         |                    | ●           |              |          |
| Teknekron Financial Systems              |                    |                   |                   | ●                     | ●               | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Teknowledge Federal Systems Inc.         |                    |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Teknowledge, Inc.                        |                    |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Tel-A-Data, Inc.                         |                    |                   | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Teldata Systems Corporation              |                    |                   | ●                 | ●                     |                 | ●                |       | ●                     |                  |                          |         |                    |             |              |          |
| Telecommunications Management Corp.      |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Telecredit, Inc.                         |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Teledyne Exploration Company             |                    |                   | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Telerate, Inc.                           |                    |                   | ●                 |                       |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Telesis Systems Corporation              |                    |                   |                   |                       |                 | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Telesoft                                 |                    |                   |                   | ●                     |                 | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Telic Services Corporation               |                    |                   |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Telmar Group                             |                    |                   | ●                 |                       |                 | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Telos Corporation                        |                    |                   |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Temple, Barker & Sloane, Inc. (TBS)      |                    |                   | ●                 | ●                     | ●               | ●                |       |                       |                  |                          |         |                    | ●           | ●            |          |
| TERA Corporation                         |                    |                   | ●                 | ●                     | ●               | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Terminal Applications Group              |                    |                   | ●                 | ●                     | ●               |                  | ●     |                       |                  |                          |         |                    | ●           |              |          |
| Terrano Corporation                      |                    |                   |                   |                       |                 | ●                |       |                       |                  |                          |         |                    |             |              |          |
| Tesseract Corporation                    |                    |                   | ●                 | ●                     |                 |                  | ●     |                       |                  |                          |         |                    | ●           | ●            |          |
| Texas Direct, Inc. Inc.                  |                    |                   | ●                 |                       | ●               |                  | ●     |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                  |                    |  |  |  | COMPUTER SERVICES | PROCESSING MODE   | PROCESSING TYPE       |                 |                  | REMOTE COMPUTING |                       |                  |                          |         |                    |             |              |          |
|---|--------------------|--|--|--|-------------------|-------------------|-----------------------|-----------------|------------------|------------------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
| COMPANY NAME                                  | SERVICES AVAILABLE |  |  |  | PROCESSING        | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH            | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
|   |                    |  |  |  |                   |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Texas Instruments Inc.                        |                    |  |  |  | ●                 | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| The Information Store, Inc.                   |                    |  |  |  |                   |                   | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Theta Business Systems                        |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Thomas National Group, Inc., The              |                    |  |  |  | ●                 | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Thomas-Laguban & Associates, Inc.             |                    |  |  |  | ●                 | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Three PM Inc.                                 |                    |  |  |  | ●                 |                   |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Ticketron, Inc.                               |                    |  |  |  | ●                 |                   |                       | ●               | ●                |                  | ●                     |                  |                          |         | ●                  | ●           | ●            | ●        |
| TIM-Formation, Inc.                           |                    |  |  |  | ●                 | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Timberline Systems, Inc.                      |                    |  |  |  |                   | ●                 |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Time Systems Inc.                             |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Time-Sharing Systems Inc.                     |                    |  |  |  | ●                 |                   |                       |                 | ●                | ●                |                       |                  |                          |         |                    |             | ●            |          |
| Timesharing Consultants Inc.                  |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Tiny Systems, Inc.                            |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Tipnis Incorporated                           |                    |  |  |  |                   |                   | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Tominy, Inc.                                  |                    |  |  |  |                   | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Tomorrow Systems, Inc.                        |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Tone Software Corporation                     |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Total Environmental Systems Computer Division |                    |  |  |  |                   |                   | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Touche Ross & Company                         |                    |  |  |  |                   | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Touchette Corporation                         |                    |  |  |  | ●                 |                   |                       | ●               |                  | ●                |                       |                  |                          |         |                    |             |              |          |
| Tower Systems, Inc.                           |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Trac Line Computer Corp.                      |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Traffic Data Systems, Inc. (TDS, Inc.)        |                    |  |  |  | ●                 |                   | ●                     |                 |                  | ●                |                       |                  |                          |         |                    |             |              |          |
| Trail Blazer Systems Inc.                     |                    |  |  |  | ●                 | ●                 | ●                     | ●               | ●                |                  | ●                     |                  |                          |         |                    | ●           |              |          |
| Trans Micro Systems Inc.                      |                    |  |  |  |                   | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Trans Union Corporation                       |                    |  |  |  | ●                 |                   |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Trans Union Credit Information Co.            |                    |  |  |  | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Transcomm Data Systems, Inc.                  |                    |  |  |  |                   |                   | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Transportation Data Management                |                    |  |  |  | ●                 | ●                 |                       |                 | ●                | ●                |                       |                  |                          |         |                    |             |              |          |
| Transportation Management Services            |                    |  |  |  | ●                 |                   |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Tremco Consultants, Inc.                      |                    |  |  |  |                   | ●                 | ●                     | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| TRES Computer Systems, Inc.                   |                    |  |  |  | ●                 | ●                 | ●                     |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Triad Systems Corporation                     |                    |  |  |  | ●                 |                   |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Triangle Software Company                     |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |
| Tricad, Inc.                                  |                    |  |  |  |                   | ●                 |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| TriStar Business Systems, Inc.                |                    |  |  |  |                   |                   |                       | ●               |                  |                  |                       |                  |                          |         |                    |             |              |          |
| TronCorp                                      |                    |  |  |  |                   | ●                 |                       |                 |                  |                  |                       |                  |                          |         |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| COMPANY<br>NAME  | SERVICES<br>AVAILABLE |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
|--|-----------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
|  | PROCESSING            | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
| Tru-Check Computer Systems, Inc.                       | ●                     |                   |                       |                 | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| Turnkey Distribution Systems, Inc                      |                       |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Turnkey Information Processing Inc                     | ●                     | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Turnkey Interactive Management Systems                 | ●                     |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Tylus Systems Inc.                                     |                       |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Tymlabs Corporation                                    |                       | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Tymshare, Inc.   | ●                     | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| U.S. Software  |                       | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| UCCEL Corporation                                      | ●                     | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| UDP, Inc.  |                       |                   |                       |                 |                  |       |                       | ●                |                          |         |                    |             |              |          |
| Ulrich, Walter E. Consulting                           |                       |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Ultimacc Business Systems                              |                       |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Ultimate Corp., The                                    |                       |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Ultradata Corporation                                  |                       | ●                 |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| UNI-COLL Corporation                                   | ●                     |                   | ●                     |                 | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| Unicalc Corporation                                    |                       | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Unilogic, Ltd.   |                       | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Unitech Systems, Inc.                                  |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| United Computer Service, Inc.                          | ●                     |                   |                       |                 | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| United Education & Software Data Systems Group         | ●                     |                   | ●                     | ●               |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| United Information Services Inc                        | ●                     |                   |                       |                 | ●                |       |                       |                  |                          |         |                    |             |              |          |
| United Software Systems and Services Corporation (U3S) |                       | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| United Telecommunications, Inc.                        | ●                     | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Univair Inc.   |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Universal Business Systems, Inc.                       | ●                     | ●                 | ●                     | ●               |                  |       | ●                     |                  |                          |         |                    |             |              |          |
| Universal Information Systems Inc.                     | ●                     |                   |                       |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Universal Software, Inc.                               |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Universal Systems Of America, Inc.                     | ●                     | ●                 | ●                     |                 | ●                | ●     |                       |                  |                          |         |                    | ●           |              |          |
| University Computing Company                           | ●                     | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Up-Time Systems, Inc.                                  |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Urban Data Processing                                  | ●                     | ●                 |                       |                 | ●                | ●     |                       |                  |                          |         |                    |             | ●            |          |
| Urban Decision Systems, Inc.                           | ●                     | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Users Incorporated                                     | ●                     | ●                 |                       | ●               |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Userware International                                 | ●                     | ●                 | ●                     | ●               | ●                |       | ●                     |                  |                          |         |                    | ●           |              |          |
| Utility Computing Service, Inc.                        |                       | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Uveon Computer Systems, Inc.                           |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Visible Systems Corporation                            |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |



# CAMP COMPUTER SERVICES INDEX

| CAMP COMPUTER SERVICES INDEX                 |                       |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
|--|-----------------------|-------------------|-----------------------|-----------------|----------------------|--------------------|-----------------------|------------------|--------------------------|---------------------|--------------------|-------------|--------------|----------|
| COMPANY<br>NAME                              | SERVICES<br>AVAILABLE |                   |                       |                 | COMPUTER<br>SERVICES | PROCESSING<br>MODE | PROCESSING<br>TYPE    |                  |                          | REMOTE<br>COMPUTING |                    |             |              |          |
|  | PROCESSING            | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING     | BATCH              | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY             | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
| VLSI Technology, Inc.                        |                       | ●                 |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| VM Software, Inc.                            |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| VSE Corporation                              | ●                     |                   | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Valid Logic Systems Inc.                     |                       |                   |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Value Computing, Inc.                        |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Vantage Computer Systems, Inc.               | ●                     | ●                 | ●                     |                 | ●                    | ●                  |                       |                  |                          |                     |                    |             |              |          |
| Vector Systems, Inc.                         |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| VenturCom Inc.                               |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Vertex Systems Inc.                          |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| VESOFT Consultants                           |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Vetrol Data Systems Inc.                     | ●                     |                   |                       | ●               |                      | ●                  |                       |                  |                          |                     |                    |             |              |          |
| Via Computer, Inc.                           |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Vidmar, Stanley                              |                       |                   |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Vining Sparks Securities, Inc.               |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Virginia Computer Services Inc.              | ●                     |                   |                       |                 | ●                    | ●                  |                       |                  |                          |                     |                    | ●           |              | ●        |
| Visible Systems Corp.                        |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Vision Technology Inc.                       |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Vista Computer, Inc.                         | ●                     | ●                 |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Vista Concepts, Inc.                         |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Vital Computer Services International, Inc.  | ●                     | ●                 | ●                     |                 | ●                    | ●                  |                       | ●                |                          |                     |                    | ●           |              |          |
| Volt Delta Resources Inc.                    |                       |                   | ●                     | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Wachovia Corporation, The                    | ●                     |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Wachovia Services Inc.                       | ●                     |                   |                       |                 | ●                    | ●                  |                       |                  |                          |                     |                    |             |              |          |
| Walker Interactive Products                  |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Walker Interactive Products Systems Software |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Walsh, Richard M., Associates Inc.           | ●                     |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Warrington Associates, Inc.                  | ●                     | ●                 |                       |                 | ●                    |                    |                       |                  |                          |                     |                    | ●           | ●            |          |
| Washington Computer Services                 |                       | ●                 |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Waters Business Systems, Inc.                |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Wayne Computer Center Inc.                   | ●                     |                   |                       | ●               | ●                    | ●                  |                       |                  |                          |                     |                    | ●           |              |          |
| Weidenhammer Systems Corp.                   |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Weidner Communications                       |                       | ●                 | ●                     |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| West Florida Data Processing                 | ●                     | ●                 |                       |                 | ●                    | ●                  |                       |                  |                          |                     |                    |             | ●            |          |
| Western Data Corporation                     | ●                     | ●                 | ●                     |                 | ●                    |                    |                       |                  |                          |                     |                    |             |              |          |
| Western Geophysical Company of America       | ●                     |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Western Micro Systems                        |                       | ●                 |                       | ●               |                      |                    |                       |                  |                          |                     |                    |             |              |          |
| Western Union Corporation                    | ●                     |                   |                       |                 |                      |                    |                       |                  |                          |                     |                    |             |              |          |

# CAMP COMPUTER SERVICES INDEX

| COMPANY<br>NAME                          | SERVICES<br>AVAILABLE |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
|--|-----------------------|-------------------|-----------------------|-----------------|------------------|-------|-----------------------|------------------|--------------------------|---------|--------------------|-------------|--------------|----------|
|  | PROCESSING            | SOFTWARE PRODUCTS | PROFESSIONAL SERVICES | TURNKEY SYSTEMS | REMOTE COMPUTING | BATCH | FACILITIES MANAGEMENT | GENERAL BUSINESS | SCIENTIFIC & ENGINEERING | UTILITY | INDUSTRY SPECIALTY | INTERACTIVE | REMOTE BATCH | DATABASE |
| Westinghouse Advanced Systems Technology | ●                     | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Westinghouse Electric Corporation        | ●                     | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Westinghouse Electronic Systems Division | ●                     | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Westware Inc.                            |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Whalen Computer Services, Inc.           | ●                     |                   |                       | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Whelan Associates Inc.                   |                       | ●                 | ●                     | ●               | ●                |       |                       |                  |                          |         |                    |             |              |          |
| White Hat Systems, Inc.                  | ●                     | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| White, Bob, Computing and Software Inc.  | ●                     | ●                 |                       |                 | ●                | ●     |                       |                  |                          |         |                    |             | ●            |          |
| White, Robert F. and Company             | ●                     |                   |                       |                 |                  | ●     |                       |                  |                          |         |                    |             |              |          |
| Whiteside Associates, Inc.               |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Whitesmiths, Ltd.                        |                       | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Why Systems Inc.                         |                       | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Wilcox, R.E. Systems Inc.                | ●                     |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Wild Hare Computer Systems Inc           |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Wilson Systems Group                     |                       |                   | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Winterhalter, Incorporated Inc.          |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Wismar Associates, Inc.                  | ●                     | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Wolf Data Services, Inc.                 |                       | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Woodward, Ryan, Sharp and Davis          | ●                     | ●                 | ●                     |                 | ●                |       |                       |                  |                          |         |                    | ●           |              |          |
| Wordtronics                              | ●                     |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Worlco Data Systems, Inc.                | ●                     | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| World Research Systems Ltd.              |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| World Wide Computer Services             |                       |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| World-Wide Computer Resources, Ltd       |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Worldwide Chain Store Systems            |                       | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Worth, Auger & Associates                |                       | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| XMCO                                     |                       |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| XXCAL                                    |                       |                   | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| XEDEx Corporation                        |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Xenex Computer Systems, Inc.             | ●                     |                   |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Xerox Computer Services                  | ●                     | ●                 |                       | ●               | ●                |       |                       |                  |                          |         |                    | ●           | ●            |          |
| XIDAK, Inc.                              |                       | ●                 |                       |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Xybian Corporation                       | ●                     | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Xybian Medical Systems Corporation       |                       | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |
| Yipkon Business Systems, Inc.            | ●                     | ●                 | ●                     | ●               | ●                | ●     |                       |                  |                          |         |                    |             |              |          |
| Zeiler-Pennock, Inc.                     |                       | ●                 | ●                     |                 |                  |       |                       |                  |                          |         |                    |             |              |          |
| Zeus Data Systems                        |                       | ●                 | ●                     | ●               |                  |       |                       |                  |                          |         |                    |             |              |          |

## CAMP COMPUTER SERVICES INDEX

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# CAMP INDUSTRY INDEX

| COMPANY NAME                             | INDUSTRY MARKETS    |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
|--|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|--------------------|
|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT |
| A Supplementary DP Service, Inc.         | •                   |                        |                       |                |           |                   | •         | •                  |           |                    |                     |                        |                  |                    |
| AAA Technology and Specialties Company   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| ADP Telephone Computing Services         |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| AFI-Datatrol Division                    |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  | •                  |
| AFS SunData                              |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| AGS Computers Inc.                       | •                   |                        |                       |                | •         | •                 |           |                    |           |                    |                     |                        | •                | •                  |
| APL Systems                              | •                   | •                      | •                     | •              |           |                   |           |                    |           |                    |                     |                        | •                | •                  |
| AR Mediquest                             |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                | •                  |
| ARC Automation Group Inc.                |                     |                        |                       |                |           | •                 |           |                    |           | •                  | •                   |                        |                  | •                  |
| ARC Automation Services Inc.             |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| ASA, Inc.                                |                     | •                      |                       |                |           |                   |           |                    |           |                    | •                   | •                      |                  | •                  |
| ATAC                                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                | •                  |
| ATM/Network Management Corp              |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| AVP Systems                              | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     |                        | •                | •                  |
| AW Computer Systems, Inc.                |                     |                        |                       |                |           |                   |           |                    |           |                    | •                   |                        |                  | •                  |
| Aardvark/McGraw-Hill                     |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Absolute Software                        |                     | •                      |                       |                |           |                   |           |                    |           | •                  | •                   | •                      |                  | •                  |
| Academic Financial Services Association  |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  | •                  |
| Access International, Inc.               |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        | •                | •                  |
| Accountant's Microsystems, Inc.          |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Accountants Processing Center            | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Accounting Corporation of America        | •                   |                        |                       |                |           | •                 |           |                    |           | •                  |                     |                        |                  | •                  |
| Accounting Datamation Inc.               | •                   | •                      |                       |                |           |                   |           |                    |           | •                  | •                   | •                      |                  | •                  |
| AccTex Information Systems               | •                   |                        |                       |                |           | •                 | •         | •                  |           | •                  |                     |                        | •                | •                  |
| Accurate Data Services Inc.              |                     |                        |                       | •              |           |                   |           |                    | •         |                    |                     |                        |                  | •                  |
| Accutab Data Processing Inc.             |                     |                        | •                     |                | •         | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Ace Software Inc.                        |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  | •                  |
| ACES Software                            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Acorn Software Products Inc.             |                     |                        |                       |                |           |                   |           |                    |           | •                  | •                   | •                      |                  | •                  |
| Actuarial Computer Technology Inc.       |                     |                        |                       |                |           | •                 |           | •                  |           |                    |                     |                        |                  | •                  |
| ADAC Laboratories                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Adelie Corporation                       | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Admins, Inc.                             |                     |                        | •                     |                |           |                   |           |                    |           | •                  | •                   |                        | •                | •                  |
| ADPAC Corporation                        | •                   |                        |                       | •              | •         |                   |           | •                  | •         |                    |                     |                        | •                | •                  |
| Advance Data                             |                     |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Advanced Applications Inc.               |                     |                        |                       | •              |           |                   |           | •                  |           |                    |                     |                        |                  | •                  |
| Advanced Computer Communications (ACC)   | •                   | •                      | •                     | •              |           | •                 | •         |                    |           |                    |                     |                        | •                | •                  |
| Advanced Computer Management Corporation | •                   | •                      | •                     | •              |           |                   |           | •                  |           | •                  | •                   | •                      | •                | •                  |

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| COMPANY<br>NAME                                | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
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|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT |
| Advanced Computer Techniques Corporation (ACT) |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        |                  |                    |
| Advanced Cybernetics, Inc.                     | •                   |                        |                       |                |           |                   | •         |                    |           | •                  |                     |                        |                  |                    |
| Advanced Data Group                            |                     |                        | •                     |                |           |                   | •         |                    | •         |                    |                     |                        | •                |                    |
| Advanced Data Institute America                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Advanced Data Management                       | •                   |                        |                       | •              | •         | •                 |           | •                  | •         | •                  |                     |                        | •                |                    |
| Advanced Data Processing Inc.                  | •                   | •                      | •                     |                |           | •                 |           | •                  |           |                    |                     |                        |                  |                    |
| Advanced Data Systems, Inc.                    | •                   | •                      | •                     |                |           |                   |           | •                  |           | •                  | •                   |                        |                  |                    |
| ADVanced Data Systems, Inc.                    | •                   |                        | •                     |                |           |                   |           |                    | •         | •                  |                     | •                      |                  |                    |
| Advanced Legal Software                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Advanced Management Technologies               |                     |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Advanced Software Products                     | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     |                        | •                |                    |
| Advanced System Applications, Inc.             | •                   |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  |                    |
| Advanced Systems, Incorporated                 | •                   |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  |                    |
| Advanced Technology Systems Inc. (Adtec)       |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  |                    |
| Advantage Systems, Inc.                        |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |
| Advcom   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Advertising Data Systems, Inc.                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| ADVO Systems Inc.                              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Adwest Corporation                             | •                   | •                      | •                     |                |           | •                 |           | •                  | •         |                    |                     |                        |                  |                    |
| Affiliated Concepts, Inc.                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| AGENA Corporation                              | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| AgriData Systems, Inc.                         |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  |                    |
| Agro Systems Corporation                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| AKRA Data Corporation                          |                     |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Alexander & Alexander, Inc.                    |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  |                    |
| Allied Data                                    |                     |                        |                       |                | •         |                   | •         | •                  |           |                    |                     |                        |                  |                    |
| Allied Information Systems Company             |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  |                    |
| Alpha Beta Data Services, Inc.                 |                     | •                      |                       |                |           | •                 | •         |                    |           | •                  |                     |                        |                  |                    |
| Alpha Microsystems                             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Alpha Software                                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Alpha Systems, Inc.                            | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      |                  |                    |
| Alphatext                                      | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Amcom Data Processing, Inc.                    |                     |                        |                       |                |           | •                 |           |                    | •         |                    |                     |                        |                  |                    |
| Amcor Computer Corporation                     | •                   |                        |                       |                |           |                   |           |                    | •         |                    |                     | •                      |                  |                    |
| American Automated                             |                     |                        |                       |                |           | •                 |           |                    | •         | •                  |                     | •                      |                  |                    |
| American Data Services, Inc.                   |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |
| American Educational Computer Inc.             |                     |                        |                       |                |           |                   |           |                    | •         | •                  |                     |                        |                  |                    |
| American Franklin Company                      |                     |                        |                       | •              | •         | •                 | •         |                    |           |                    |                     |                        | •                |                    |

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| COMPANY<br>NAME                             | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
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|   | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT |
| American Information Services, Inc.         | ●                   |                        |                       |                |           | ●                 |           |                    | ●         |                    |                     |                        |                  |                    |
| American Information Systems                | ●                   |                        |                       | ●              | ●         |                   |           | ●                  | ●         | ●                  |                     |                        | ●                |                    |
| American Integrity System Inc.              | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        |                  | ●                  |
| American Key punch & Systems                |                     |                        |                       |                |           |                   |           |                    | ●         |                    | ●                   |                        |                  |                    |
| American Management Systems, Inc.           | ●                   |                        |                       | ●              | ●         |                   | ●         | ●                  | ●         | ●                  |                     |                        | ●                | ●                  |
| American Resource Information, Inc.         | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| American Software Corporation               | ●                   | ●                      |                       |                |           |                   |           |                    |           | ●                  | ●                   | ●                      |                  | ●                  |
| American Software, Inc.                     | ●                   |                        |                       | ●              | ●         | ●                 |           | ●                  |           |                    |                     |                        |                  | ●                  |
| American Viking Enterprises Inc.            | ●                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Amherst Associates Inc.                     |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  | ●                  |
| Ampersand Corporation                       |                     |                        |                       |                |           | ●                 |           |                    |           | ●                  | ●                   |                        |                  | ●                  |
| Anacomp, Inc.                               | ●                   | ●                      |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  | ●                   | ●                      | ●                | ●                  |
| Analex Computing, Inc.                      | ●                   | ●                      |                       |                |           |                   |           |                    |           | ●                  | ●                   | ●                      |                  | ●                  |
| Analysis & Computer Systems, Inc.           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                | ●                  |
| Analysis and Programming Corporation        | ●                   | ●                      |                       | ●              |           |                   | ●         | ●                  |           |                    |                     |                        | ●                | ●                  |
| Analysis and Technology, Inc.               | ●                   |                        |                       | ●              | ●         |                   |           |                    |           |                    |                     |                        | ●                | ●                  |
| Analysts International Corporation          | ●                   |                        |                       | ●              | ●         | ●                 | ●         |                    | ●         | ●                  |                     |                        | ●                | ●                  |
| Analytics Inc.                              |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        | ●                | ●                  |
| Anstat, Inc.                                |                     |                        |                       |                |           |                   |           |                    |           | ●                  |                     |                        |                  | ●                  |
| Apex Data Processing Inc.                   |                     | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Apex Data Systems                           |                     |                        |                       |                |           |                   | ●         | ●                  |           |                    |                     |                        |                  | ●                  |
| Apparel Management Systems                  |                     | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Apple Computer                              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Application Development Systems, Inc.       | ●                   | ●                      | ●                     | ●              | ●         | ●                 | ●         |                    | ●         |                    |                     |                        |                  | ●                  |
| Applications Software, Inc.                 | ●                   | ●                      |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     | ●                      |                  | ●                  |
| Applicon Inc.                               | ●                   | ●                      | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Applied Business Systems                    | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     |                        |                  | ●                  |
| Applied Business Systems, Inc.              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                | ●                  |
| Applied Business Technologies Inc.          |                     |                        |                       |                |           |                   |           |                    | ●         |                    |                     |                        |                  | ●                  |
| Applied Communications, Inc.                |                     |                        |                       |                |           | ●                 |           |                    |           |                    | ●                   |                        |                  | ●                  |
| Applied Computer Associates, Inc.           |                     |                        |                       |                |           |                   |           | ●                  |           | ●                  |                     |                        |                  | ●                  |
| Applied Computing Devices                   |                     |                        |                       |                | ●         |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Applied Computing Technologies Inc.         |                     |                        |                       | ●              | ●         |                   |           | ●                  |           |                    |                     | ●                      | ●                | ●                  |
| Applied Data Research, Inc.                 | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     | ●                      |                  | ●                  |
| Applied Data Systems, Inc.                  |                     |                        |                       |                |           |                   |           |                    |           | ●                  | ●                   | ●                      |                  | ●                  |
| Applied Information Development (AID), Inc. |                     | ●                      |                       |                |           | ●                 | ●         |                    | ●         |                    |                     | ●                      |                  | ●                  |
| Applied Information Systems, Inc. (AIS)     | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     |                        |                  | ●                  |
| Applied Intelligence Inc.                   | ●                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |



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| COMPANY NAME   | INDUSTRY MARKETS    |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
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|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT |
| Applied Management Sciences                              |                     |                        |                       |                | •         |                   |           |                    |           |                    |                     |                        | •                |
| Applied Management Systems Inc.                          | •                   |                        |                       |                |           | •                 |           |                    |           |                    |                     | •                      |                  |
| Applied Microcomputer Systems                            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Applied Research Inc.                                    |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Arbitron   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Arcola Software  |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Area Computer Services, Inc.                             | •                   | •                      |                       |                |           |                   | •         | •                  |           | •                  | •                   |                        |                  |
| Argo Data Resource Corporation                           |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Argonaut Information Systems, Inc.                       | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      | •                |
| Argos  | •                   | •                      |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Ark Data Systems, Inc.                                   | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Arlington Software & Systems Corporation                 | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  | •                   | •                      | •                |
| Arms, Inc.   | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      | •                |
| Arnoudse & Ouellette                                     | •                   |                        |                       |                | •         |                   |           | •                  |           |                    |                     |                        | •                |
| Arrigoni Technology, Inc.                                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Arthur Anderson & Company                                | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     |                        | •                |
| Articulate Publications                                  | •                   |                        |                       |                |           |                   |           | •                  |           | •                  |                     |                        | •                |
| Artificial Intelligence Corporation                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Ashton-Tate  |                     |                        |                       |                |           |                   |           |                    |           | •                  | •                   |                        | •                |
| Asist  |                     |                        |                       |                | •         |                   |           |                    |           |                    |                     |                        | •                |
| ASK Computer Systems, Inc.                               | •                   | •                      | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Aspen Technology   | •                   | •                      | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Associated Computer Management Specialists, Inc. (ACMSI) | •                   | •                      | •                     | •              |           |                   |           | •                  |           | •                  | •                   | •                      | •                |
| Associated Credit Services, Inc.                         |                     |                        |                       |                |           | •                 | •         |                    |           | •                  |                     |                        | •                |
| Astradyne Computer Industries, Inc.                      |                     |                        |                       |                |           | •                 |           | •                  |           |                    |                     |                        | •                |
| Atlantic Data Services, Inc.                             |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Auragen Systems Corporation                              | •                   |                        |                       |                |           | •                 | •         | •                  |           | •                  |                     |                        | •                |
| Autex Systems  | •                   |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Auto Tell Services, Inc.                                 | •                   | •                      | •                     |                |           |                   |           | •                  |           | •                  | •                   |                        | •                |
| Auto-trol Technology Corporation                         | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Autodesk, Inc.   | •                   |                        |                       | •              | •         | •                 | •         |                    | •         | •                  |                     | •                      | •                |
| Automated Concepts, Inc.                                 | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     |                        | •                |
| Automated Design Centers                                 | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Automated Financial Systems Inc.                         |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Automated Language Processing Systems (ALPS)             | •                   | •                      |                       |                | •         | •                 |           | •                  | •         | •                  |                     | •                      | •                |
| Automated Management, Inc.                               | •                   |                        |                       |                | •         | •                 |           | •                  | •         |                    |                     |                        | •                |
| Automated Quill Inc.                                     | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |

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| COMPANY<br>NAME                           | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
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| Automated Science Group, Inc.             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                | •                  |
| Automated Systems Consultants Inc. (ASCI) |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                | •                  |
| Automated Systems, Inc.                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     | •                      |                  | •                  |
| Automated Teller Machine Services Group   |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Automatic Data Processing Inc.            |                     | •                      |                       |                |           | •                 | •         |                    |           | •                  | •                   | •                      |                  | •                  |
| Autumn Software Corporation               |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     | •                      | •                | •                  |
| Auxton Computer Enterprises, Inc.         |                     |                        |                       |                | •         |                   |           |                    |           |                    |                     |                        |                  | •                  |
| AVANT-GARDE Computing, Inc.               | •                   |                        | •                     | •              | •         | •                 |           |                    |           | •                  |                     | •                      |                  | •                  |
| Avco Computer Services                    | •                   |                        |                       |                |           |                   |           | •                  |           |                    |                     | •                      |                  | •                  |
| Aviation Information Services Inc.        |                     |                        |                       | •              |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Axios Group                               | •                   |                        | •                     | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      |                  | •                  |
| Axxess Information Systems, Inc.          |                     |                        | •                     |                |           |                   | •         |                    | •         |                    |                     | •                      |                  | •                  |
| Aya Associates Inc. (AAI)                 | •                   | •                      | •                     |                |           | •                 |           |                    | •         | •                  | •                   |                        |                  | •                  |
| Ayers-Whitmore                            | •                   | •                      | •                     |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Azrex, Inc.                               | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      |                  | •                  |
| Aztech Corporation                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| B.K. Dynamics                             | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     | •                      | •                | •                  |
| BA Managistics                            |                     |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      |                  | •                  |
| BBN Software Products Corporation         | •                   | •                      | •                     |                |           |                   |           | •                  |           |                    |                     |                        |                  | •                  |
| BDM International, Inc.                   | •                   |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                | •                  |
| BGS Systems, Inc.                         | •                   |                        |                       | •              | •         | •                 | •         |                    | •         | •                  |                     | •                      | •                | •                  |
| BIS, Inc.                                 |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| BMC Software Inc.                         | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      |                  | •                  |
| BPI Systems, Inc.                         | •                   |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  | •                  |
| BRS                                       | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      |                  | •                  |
| BRS Computing Inc.                        |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  | •                  |
| BSA Turnkey Corporation                   | •                   |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Baird Petrophysical Group                 |                     |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Bakco Data Inc.                           | •                   | •                      |                       |                |           |                   |           |                    |           | •                  | •                   | •                      |                  | •                  |
| Balance Computer Corporation              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| BancAids                                  |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Bankline, Inc.                            |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Bankmatic Systems, Inc.                   |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Bankpro Systems                           |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Bank Wire                                 |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Baron Data Systems                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     | •                      |                  | •                  |
| Barrister Information Systems Corporation |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Battelle Memorial Institute               | •                   | •                      | •                     | •              |           | •                 |           |                    |           |                    |                     | •                      | •                | •                  |

# CAMP INDUSTRY INDEX

| COMPANY<br>NAME                              | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
|--|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|--------------------|--------------------------|----------|-------|
|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
| BayBanks Data Services, Inc.                 |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Beacon Data Processing                       | ●                   |                        |                       |                | ●         | ●                 |           | ●                  |           | ●                  |                     |                        | ●                |                    |                          |          | ●     |
| Beck, Thomas Inc.                            | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Bell & Murphy and Associates Inc. (BMA)      | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Benefacts Inc.                               | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  | ●                   | ●                      | ●                |                    | ●                        | ●        | ●     |
| Benetics Corporation                         |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Berman Associates Inc.                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                | ●                  | ●                        | ●        | ●     |
| Black, David R & Associates, Inc             | ●                   |                        |                       | ●              |           | ●                 |           |                    |           | ●                  | ●                   | ●                      | ●                | ●                  | ●                        |          | ●     |
| Bloodstock Research, Inc.                    |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Boeing Computer Services Company             | ●                   |                        |                       | ●              | ●         | ●                 | ●         |                    |           |                    |                     |                        | ●                | ●                  |                          | ●        | ●     |
| Bolt Beranek and Newman, Inc.                | ●                   | ●                      | ●                     |                |           |                   |           |                    |           |                    |                     |                        | ●                |                    |                          |          | ●     |
| Bonner & Moore Computing Company             | ●                   |                        | ●                     |                |           | ●                 | ●         |                    |           | ●                  |                     |                        |                  |                    |                          | ●        | ●     |
| Boole & Babbage, Inc.                        | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     |                        | ●                |                    |                          | ●        | ●     |
| Boston Financial Data Services, Incorporated |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Boston Systems Office (The), Inc.            | ●                   |                        | ●                     | ●              |           |                   |           | ●                  | ●         |                    |                     |                        | ●                | ●                  |                          |          | ●     |
| Bowne Information Systems, Inc.              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    | ●                        |          | ●     |
| Bradford Business Systems, Inc.              |                     |                        |                       |                |           | ●                 | ●         | ●                  | ●         |                    |                     |                        | ●                |                    |                          |          | ●     |
| Bradford National Corporation                |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Bradmark Computer Systems, Inc               | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     |                        | ●                |                    |                          | ●        | ●     |
| Brandon Consulting Group, Inc.               |                     |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Braut, Strauchman & Associates, Inc.         |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  |                    | ●                        |          | ●     |
| Breuer and Co.                               |                     | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    | ●                        |          | ●     |
| Bricmont & Associates, Inc.                  |                     |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Bristol Information Systems, Inc.            | ●                   |                        |                       |                |           |                   |           |                    |           | ●                  |                     |                        |                  |                    |                          | ●        | ●     |
| Broderbund Software Inc.                     |                     |                        |                       |                |           |                   |           |                    |           | ●                  | ●                   |                        |                  |                    |                          |          | ●     |
| Brokerage Software Systems, Inc.             |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Brokerage Transaction Services Inc.          |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Brown, Sanders & Associates, Inc.            |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Bruning CAD                                  | ●                   | ●                      | ●                     | ●              | ●         |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Budget Computer Systems                      | ●                   | ●                      |                       |                |           | ●                 |           |                    |           | ●                  |                     |                        |                  |                    |                          |          | ●     |
| Budget Timeshare Inc                         | ●                   |                        |                       |                | ●         |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Burlington Data Processing Inc.              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Burroughs Corporation                        | ●                   |                        |                       |                |           |                   |           | ●                  | ●         | ●                  |                     |                        |                  |                    |                          |          | ●     |
| Bush, Lloyd and Associates                   | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Business and Professional Software, Inc.     | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Business Application Systems, Inc. (BAS)     | ●                   |                        |                       |                |           | ●                 |           |                    |           |                    |                     | ●                      |                  |                    |                          |          | ●     |
| Business Applications Group                  | ●                   |                        |                       |                |           |                   |           |                    |           | ●                  | ●                   |                        |                  |                    |                          | ●        | ●     |
| Business Automation Inc.                     |                     |                        |                       |                |           |                   |           |                    |           | ●                  |                     |                        |                  |                    |                          |          | ●     |

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| COMPANY NAME                                     | INDUSTRY MARKETS    |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
|--|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|
|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT |
| Business Computer Center                         | ●                   |                        |                       |                |           |                   |           |                    |           | ●                  | ●                   | ●                      |                  |
| Business Computer Design                         | ●                   |                        |                       | ●              |           |                   |           |                    |           | ●                  |                     | ●                      |                  |
| Business Computer Solutions Inc.                 |                     |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Business Information Systems Inc.                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Business Information Systems, Inc.               | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     | ●                      | ●                |
| Business Service Corporation                     | ●                   |                        |                       | ●              |           | ●                 | ●         |                    | ●         | ●                  |                     | ●                      | ●                |
| Business Services - Global Systems Services 5010 |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        | ●                |
| Bytel Corporation                                | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     | ●                      | ●                |
| C.A.C.I., Inc.                                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     | ●                      | ●                |
| CAE Systems, Inc.                                |                     | ●                      |                       |                |           |                   |           | ●                  |           |                    |                     |                        | ●                |
| CCH Computax Systems, Inc.                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| CCH Computax, Inc.                               |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| CCX Network, Inc.                                | ●                   |                        |                       |                |           |                   |           |                    |           | ●                  |                     |                        | ●                |
| CDP Marketing Information Corporation            |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        | ●                |
| CDS Systems, Inc.                                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| CFS, Inc.  | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     | ●                      | ●                |
| CGA Computer, Inc.                               | ●                   | ●                      | ●                     |                | ●         | ●                 | ●         |                    |           | ●                  |                     |                        | ●                |
| CGG Data Processing Service Inc                  |                     |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| CGX Corporation                                  | ●                   | ●                      | ●                     |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| CL Systems Inc.                                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| CMA Micro Computer                               |                     |                        |                       |                |           |                   |           | ●                  |           | ●                  | ●                   |                        | ●                |
| CMC Associates Inc                               | ●                   | ●                      | ●                     |                | ●         |                   |           | ●                  | ●         | ●                  | ●                   | ●                      | ●                |
| CMC Software                                     | ●                   |                        |                       |                |           |                   |           | ●                  | ●         |                    |                     |                        | ●                |
| CPAids   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| CPS - Medical Billing Systems                    |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        | ●                |
| CRC Information Systems Inc.                     | ●                   |                        |                       | ●              |           |                   |           |                    |           | ●                  |                     |                        | ●                |
| CRI  |                     |                        | ●                     |                |           | ●                 |           |                    |           |                    |                     |                        | ●                |
| CSW, Inc.  | ●                   | ●                      | ●                     | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  | ●                   | ●                      | ●                |
| CTEC Inc.  | ●                   |                        |                       |                |           | ●                 |           |                    |           | ●                  |                     | ●                      | ●                |
| CUC Insurance Services                           |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        | ●                |
| C3, Inc.   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| C-S Computer Systems, Inc.                       | ●                   |                        |                       |                |           | ●                 |           |                    |           |                    |                     | ●                      | ●                |
| Cable Data                                       |                     |                        |                       |                | ●         |                   |           |                    |           |                    |                     |                        | ●                |
| Cableshare Inc.                                  | ●                   | ●                      |                       |                | ●         | ●                 |           |                    |           | ●                  | ●                   |                        | ●                |
| CADAM  | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  |           |                    |                     | ●                      | ●                |
| CADLINC Inc.                                     | ●                   | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Cadnetix Corporation                             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Cado Systems of MD, Inc.                         | ●                   |                        |                       |                | ●         | ●                 | ●         | ●                  | ●         |                    |                     |                        | ●                |

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| COMPANY<br>NAME                                | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
|--|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|
|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT |
| CADTRAK  |                     |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Calculon Corporation                           |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| California Interactive Computing, Inc.         |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  |
| California Minicomputer Systems Inc.           | •                   |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        | •                |
| California Software, Inc.                      | •                   |                        | •                     | •              | •         |                   |           | •                  |           |                    |                     | •                      | •                |
| California Systems Associates                  | •                   |                        |                       |                |           |                   |           | •                  |           | •                  |                     |                        | •                |
| Call Computer                                  | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Calma Company                                  |                     | •                      | •                     |                | •         |                   |           |                    | •         |                    |                     |                        | •                |
| Calspan Corporation Advanced Technology Center |                     |                        |                       |                |           |                   |           |                    |           |                    |                     | •                      | •                |
| Caltec, Inc.                                   | •                   |                        |                       | •              |           |                   | •         | •                  | •         | •                  |                     |                        | •                |
| Cambar Business Systems Inc.                   | •                   | •                      |                       |                |           |                   |           |                    |           | •                  |                     | •                      | •                |
| Camex Systems                                  |                     | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Canada Systems Group Limited                   | •                   |                        |                       |                |           | •                 |           |                    |           |                    |                     | •                      | •                |
| Candle Corporation                             | •                   |                        |                       |                | •         | •                 |           |                    |           | •                  |                     | •                      | •                |
| Cannon Computer Company                        | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Canton Automated Systems, Inc.                 |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| CAP Gemini DASD, Inc.                          |                     |                        | •                     |                |           | •                 | •         |                    |           |                    |                     | •                      | •                |
| CAP-CPP Inc.                                   | •                   |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        | •                |
| Capcom Systems, Inc.                           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Cara Corporation                               | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      | •                |
| CARDS Inc.                                     | •                   | •                      | •                     |                | •         |                   |           | •                  |           | •                  | •                   | •                      | •                |
| Care Computer Systems                          |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Care Information Systems Inc                   |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| CareerSystem Inc.                              | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Carleton Corporation                           | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      | •                |
| Carousel MicroTools                            | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      | •                |
| Cash Management Systems, Inc.                  | •                   | •                      | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Casper Processors Inc                          | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Catallactics SunData (CATCO)                   |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Catalyst USA Inc.                              |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     | •                      | •                |
| Cbord Group Inc. (The)                         | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      | •                |
| Centec Corporation                             | •                   |                        | •                     | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      | •                |
| Centennial Computer Services Inc.              |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        | •                |
| Centex   | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     | •                      | •                |
| Central Data Processing Inc.                   | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Central Systems Incorporated                   |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Champion Service Corporation                   |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Chancellor Computer Corp.                      |                     |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |

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| COMPANY<br>NAME                                | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
|--|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|--------------------|--------------------------|----------|-------|
|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
| Chang Laboratories Inc.                        | ●                   |                        |                       |                | ●         | ●                 |           |                    |           |                    |                     |                        | ●                |                    |                          | ●        | ●     |
| Chase-TCMS                                     |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Cheltonian Inc.                                | ●                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Chemical Abstracts Services (CAS)              |                     |                        | ●                     |                |           |                   |           |                    | ●         |                    |                     |                        |                  | ●                  |                          |          | ●     |
| Chemshare Corp.                                |                     |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Chilton Corporation                            |                     |                        |                       |                |           | ●                 |           |                    |           | ●                  |                     |                        |                  |                    |                          |          | ●     |
| CHIPS, Inc.                                    |                     |                        |                       |                |           |                   |           | ●                  |           | ●                  |                     | ●                      | ●                |                    | ●                        | ●        | ●     |
| Christensen, Laurits R. Associates, Inc.       | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     | ●                      |                  |                    |                          | ●        | ●     |
| Christian Rousing Computer Systems             | ●                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Chubb & Son, Inc.                              |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Cincom Systems, Inc.                           | ●                   | ●                      | ●                     | ●              | ●         |                   |           |                    |           | ●                  |                     |                        | ●                |                    |                          |          | ●     |
| Circle Computer Services                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| CISInetwork Corporation                        | ●                   |                        |                       | ●              |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Citicorp                                       |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Citizens Data Center Department                | ●                   |                        | ●                     |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Citizens Financial Corporation                 |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Claritas                                       | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  |           | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Cliff Data Systems, Inc.                       |                     |                        |                       |                |           |                   |           |                    |           |                    | ●                   | ●                      |                  |                    |                          |          | ●     |
| Coastal Information Systems, Inc.              |                     | ●                      |                       |                |           |                   |           |                    |           |                    |                     | ●                      |                  |                    |                          |          | ●     |
| Cogito Data Systems, Inc.                      | ●                   |                        | ●                     |                |           | ●                 |           |                    | ●         | ●                  | ●                   |                        | ●                |                    |                          |          | ●     |
| Cognitive Systems, Inc.                        |                     |                        | ●                     |                |           |                   |           |                    |           |                    |                     | ●                      |                  |                    |                          |          | ●     |
| Cognos Incorporated                            | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          |          | ●     |
| Cole-Layer-Trumble Co.                         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |                    | ●                        |          | ●     |
| Collier-Jackson, Inc.                          | ●                   | ●                      | ●                     | ●              |           | ●                 |           |                    |           | ●                  |                     | ●                      |                  |                    | ●                        |          | ●     |
| Colonial Data Systems, Inc.                    |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Colonial Mortgage Service Company              |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Columbia Computing Services, Ltd.              |                     |                        |                       |                |           |                   |           |                    | ●         |                    |                     |                        |                  |                    |                          |          | ●     |
| Columbia Computing services, Inc.              |                     |                        |                       |                |           |                   |           |                    | ●         |                    |                     |                        |                  |                    |                          |          | ●     |
| Com Code Corporation                           |                     | ●                      |                       |                |           |                   |           |                    | ●         |                    |                     |                        |                  |                    |                          |          | ●     |
| COM-MAIL                                       |                     |                        |                       |                |           | ●                 |           |                    |           | ●                  |                     |                        | ●                |                    |                          |          | ●     |
| COM-MED  |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Com-Pro Division Of Meszaros                   | ●                   |                        | ●                     |                | ●         | ●                 |           |                    |           | ●                  | ●                   | ●                      | ●                |                    | ●                        |          | ●     |
| Comarco, Inc.                                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |                          |          | ●     |
| Comcheq Services Ltd.                          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Comdata Network, Inc.                          |                     |                        |                       | ●              |           | ●                 |           |                    |           | ●                  | ●                   |                        |                  |                    |                          | ●        | ●     |
| Comm-Pro Associates                            | ●                   |                        |                       |                | ●         | ●                 | ●         | ●                  | ●         | ●                  | ●                   |                        | ●                | ●                  |                          |          | ●     |
| Command Control And Communications Corporation |                     | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                | ●                  |                          |          | ●     |
| Commercial Data Corp.                          | ●                   |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        | ●                |                    |                          | ●        | ●     |



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| COMPANY<br>NAME  | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
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|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
| Commercial Resources                                     |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Commercial Software, Inc.                                | ●                   |                        |                       |                | ●         | ●                 |           |                    | ●         |                    |                     |                        |                  | ●                  | ●                        |          | ●     |
| Commercial Systems, Inc.                                 |                     |                        |                       |                |           |                   |           | ●                  |           |                    | ●                   |                        |                  |                    |                          |          | ●     |
| Commodity Information Services Co. (CISCO)               |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Communication Controls, Inc.                             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Communications Computer Services Inc                     |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Communications Research Group                            | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Communications Solutions Inc.                            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| COMNET Information Systems                               |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |                          |          | ●     |
| Comp Info Inc.   | ●                   | ●                      |                       |                |           | ●                 | ●         |                    | ●         |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Comp-U-Card International Inc.                           |                     |                        |                       |                |           |                   | ●         |                    |           | ●                  | ●                   | ●                      |                  |                    |                          |          | ●     |
| Comp-U-Check, Inc.                                       |                     |                        |                       |                | ●         | ●                 |           | ●                  |           |                    | ●                   |                        |                  |                    |                          | ●        | ●     |
| Comp-u-Staff, Inc.                                       | ●                   | ●                      | ●                     | ●              | ●         | ●                 | ●         |                    |           |                    |                     |                        | ●                | ●                  |                          |          | ●     |
| Compeda Inc.   | ●                   | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Compensation Resources, Inc. (CRI)                       |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Complete Computer Systems                                | ●                   | ●                      |                       |                |           | ●                 |           |                    |           |                    |                     | ●                      | ●                |                    | ●                        |          | ●     |
| Complex Systems Inc.                                     |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Comptek Research Inc.                                    |                     | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                | ●                  |                          |          | ●     |
| Compu-Link Corporation                                   |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    | ●                        |          | ●     |
| Compucare, Inc.  |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Compufact  |                     | ●                      |                       |                |           |                   |           |                    |           | ●                  |                     |                        |                  |                    |                          |          | ●     |
| Compumax, Inc.   | ●                   | ●                      | ●                     |                |           | ●                 |           |                    |           | ●                  | ●                   | ●                      | ●                |                    |                          | ●        | ●     |
| Compupower Corporation                                   |                     | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| CompuServe Incorporated                                  | ●                   | ●                      | ●                     | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  | ●                   |                        | ●                |                    |                          | ●        | ●     |
| Computab Inc.  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Compute-R-Systems, Inc.                                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Computech Corporation                                    | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Computer Aided Manufacturing- International, Inc (CAM I) | ●                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Computer Application Systems Inc.                        | ●                   |                        | ●                     | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Computer Applications Corporation                        | ●                   | ●                      | ●                     |                |           |                   |           | ●                  | ●         |                    |                     | ●                      | ●                |                    |                          |          | ●     |
| Computer Applied Systems Inc.                            | ●                   | ●                      | ●                     |                |           |                   |           | ●                  | ●         | ●                  | ●                   | ●                      | ●                | ●                  | ●                        |          | ●     |
| Computer Assistance International, Inc.                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |                    |                          |          | ●     |
| Computer Associates International, Inc.                  | ●                   |                        |                       |                |           | ●                 | ●         |                    | ●         |                    | ●                   |                        | ●                |                    |                          | ●        | ●     |
| Computer Associates Inc.                                 | ●                   |                        |                       |                |           |                   |           |                    |           | ●                  | ●                   | ●                      |                  |                    |                          | ●        | ●     |
| Computer Center, Inc.                                    |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Computer Center, The                                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    | ●                        | ●        | ●     |
| Computer Company (The)                                   |                     |                        | ●                     | ●              | ●         | ●                 |           | ●                  | ●         | ●                  |                     |                        | ●                | ●                  | ●                        |          | ●     |



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| COMPANY<br>NAME                         | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
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|   | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
| Computer Concepts and Services, Inc.    |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     | •                      | •                |                    | •                        | •        | •     |
| Computer Consoles, Inc.                 |                     |                        |                       |                | •         | •                 |           |                    |           |                    |                     |                        | •                |                    |                          | •        | •     |
| Computer Controls, Inc.                 |                     |                        |                       | •              |           |                   |           | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Computer Corporation of America, Inc.   |                     |                        | •                     |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |                          | •        | •     |
| Computer Corral                         | •                   |                        |                       |                |           | •                 |           | •                  |           | •                  |                     |                        |                  |                    |                          | •        | •     |
| Computer Cost Control Corporation       |                     |                        |                       | •              | •         |                   |           |                    |           |                    |                     | •                      | •                |                    | •                        | •        |       |
| Computer Covenant Corporation           | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Computer Curriculum Corporation         |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  |                    |                          |          | •     |
| Computer Data Access Inc. (CDA)         |                     |                        |                       |                |           |                   |           |                    |           | •                  | •                   | •                      |                  |                    |                          |          | •     |
| Computer Data Systems, Inc.             | •                   |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        |                  | •                  |                          |          | •     |
| Computer Designed Systems, Inc.         | •                   |                        |                       |                |           |                   |           | •                  |           |                    |                     | •                      |                  |                    |                          |          | •     |
| Computer Directions Advisors Inc. (CDA) | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        |                  |                    |                          | •        | •     |
| Computer Dynamics Inc.                  | •                   |                        |                       |                | •         | •                 |           | •                  |           | •                  |                     |                        |                  |                    |                          |          | •     |
| Computer Education Techniques, Inc.     | •                   |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |                    |                          | •        | •     |
| Computer Generation Inc.                | •                   |                        |                       |                | •         | •                 | •         |                    |           | •                  |                     |                        | •                |                    |                          |          | •     |
| Computer Horizons Corporation           | •                   |                        |                       |                | •         | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Computer Income Planning Corp.          | •                   |                        |                       |                | •         | •                 | •         | •                  |           | •                  |                     |                        |                  |                    |                          | •        | •     |
| Computer Innovations                    | •                   | •                      | •                     | •              |           | •                 |           | •                  | •         |                    | •                   | •                      |                  |                    |                          |          | •     |
| Computer Input Corporation              |                     |                        |                       | •              | •         |                   |           | •                  | •         | •                  |                     |                        | •                |                    | •                        |          | •     |
| Computer Input Services, Inc.           |                     |                        |                       |                |           |                   | •         | •                  | •         | •                  | •                   |                        |                  |                    |                          | •        | •     |
| Computer Language Research, Inc.        | •                   |                        |                       |                |           | •                 |           |                    | •         | •                  |                     |                        |                  |                    |                          | •        | •     |
| Computer Management Corporation         | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Computer Management Dynamics, Inc.      |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  |                    |                          |          | •     |
| Computer Modeling, Inc.                 | •                   |                        |                       | •              | •         | •                 | •         | •                  |           | •                  | •                   | •                      | •                | •                  | •                        |          | •     |
| Computer Network Corporation            |                     |                        |                       |                |           | •                 | •         |                    |           |                    | •                   |                        |                  | •                  |                          |          | •     |
| Computer Partners, Inc.                 | •                   |                        |                       |                | •         | •                 | •         | •                  |           | •                  |                     |                        | •                |                    |                          | •        | •     |
| Computer Power Corp.                    | •                   | •                      |                       |                |           |                   |           |                    |           | •                  | •                   | •                      | •                |                    | •                        | •        | •     |
| Computer Power Inc.                     |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Computer Procedures Corp.               |                     |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Computer Representatives, Inc. (CRI)    | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     |                        | •                |                    |                          | •        | •     |
| Computer Research, Inc.                 |                     |                        |                       |                | •         |                   |           |                    | •         |                    |                     |                        |                  |                    | •                        |          | •     |
| Computer Resources International        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     | •                      |                  |                    |                          |          | •     |
| Computer Resources Corporation          |                     |                        |                       |                |           | •                 | •         | •                  |           |                    |                     |                        |                  |                    |                          |          | •     |
| Computer Results Corporation            | •                   |                        |                       |                |           | •                 | •         | •                  | •         | •                  |                     |                        |                  |                    |                          |          | •     |
| Computer Sciences Corporation           | •                   |                        |                       |                | •         | •                 | •         | •                  |           | •                  |                     |                        |                  | •                  | •                        | •        | •     |
| Computer Services Associates            |                     |                        |                       |                |           | •                 | •         | •                  |           | •                  |                     | •                      |                  |                    |                          | •        | •     |
| Computer Services Corporation           |                     |                        |                       |                |           |                   | •         |                    |           | •                  |                     | •                      |                  |                    |                          |          | •     |
| Computer Services, Inc.                 |                     |                        |                       |                |           | •                 |           |                    |           | •                  |                     |                        |                  |                    |                          |          | •     |

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| COMPANY<br>NAME                       | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
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|                                       | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT |
| Computer Sharing Corporation          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computer Sharing Services Inc.        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computer Synergy, Inc.                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computer System Architects, Inc.      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computer Systems Design, Inc.         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computer Systems Engineering          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computer Systems Group, Inc.          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computer Task Group Inc.              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computer Technology Associates        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computer Usage Company                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computer Utilities of Cleveland, Inc. |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| ComputerAided Design Resources, Inc.  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computeristics, Inc.                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computerized Admission Systems, Inc.  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computervision Corporation            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computone Systems Incorporated        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computoservice, Inc.                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computrac Inc.                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computrol, Inc.                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Computron Technologi Company Inc.     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Compuware Corporation                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Comsen Inc.                           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Comserv Corporation                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Comshare, Inc.                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Comspec Exploration                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Comtec                                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Comtech Group International Ltd.      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| ComTech Systems, Inc.                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Comtrac Inc.                          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Comvestrix Corporation                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Concept Systems, Inc.                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Concord Computing Corporation         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Condata, Inc.                         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Condor Corporation, The               |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Conscio Enterprises, Inc.             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Consolidated Computer Corp.           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Construction Computer Control Inc.    |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |
| Construction Information Systems      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |

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| Construction Systems Assoc.                          |                     |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Consultants for Information Resource Management Inc. |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Consultec  |                     |                        |                       |                |           | •                 |           | •                  |           |                    |                     |                        | •                | •                  |
| Consultech Associates, Inc.                          |                     |                        |                       |                |           |                   |           | •                  |           | •                  |                     | •                      |                  | •                  |
| Consumer Systems Services Group, Inc.                | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     |                        | •                | •                  |
| Contel Data Services Corporation                     |                     |                        |                       | •              |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Contel Information Systems, Inc.                     | •                   |                        |                       | •              | •         |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Context Management Systems                           | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                | •                  |
| Continental Computer Services, Inc.                  |                     |                        |                       | •              |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Continental Data Processing, Inc.                    |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  | •                  |
| Continental Healthcare Systems, Inc.                 |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  | •                  |
| Continental Information Systems                      | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                | •                  |
| Continental Software                                 | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      |                  | •                  |
| Continuum Company, Inc., The                         |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  | •                  |
| Control Analysis Corporation                         | •                   |                        |                       | •              | •         | •                 |           |                    |           |                    |                     |                        | •                | •                  |
| Control Data Corporation                             | •                   | •                      | •                     | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                | •                  |
| Convey Company, Inc.                                 | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                | •                  |
| Cook Data Services, Inc.                             |                     |                        | •                     |                | •         |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Corgill-Meyer and Associates                         |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Cornell Computer Corporation                         | •                   | •                      | •                     |                | •         | •                 | •         |                    |           |                    |                     |                        | •                | •                  |
| Cornwell, Robert Associates                          |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  | •                  |
| Corodale Incorporated                                | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        |                  | •                  |
| Corporate Data Systems                               |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Corporate Systems                                    | •                   |                        |                       | •              | •         |                   | •         |                    |           |                    |                     |                        | •                | •                  |
| Corporate-TECH Planning, Inc.                        | •                   | •                      |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                | •                  |
| Corstar Business Computing Company, Inc.             | •                   | •                      | •                     |                | •         |                   | •         | •                  | •         | •                  |                     |                        |                  | •                  |
| Cost Systems Engineers                               |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Courseware Applications Inc.                         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Coverdale Associates, Inc.                           | •                   |                        |                       | •              | •         | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Creative Output                                      | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Creative Socio-Medics, Corp. (CSM)                   |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  | •                  |
| Creative Software Concepts Inc.                      |                     |                        |                       |                |           | •                 | •         |                    |           | •                  | •                   |                        |                  | •                  |
| Credit Bureau Inc. of Georgia                        |                     |                        |                       |                |           | •                 |           |                    |           | •                  |                     |                        |                  | •                  |
| Ctrac Computer Services                              |                     | •                      |                       |                | •         |                   |           |                    |           | •                  | •                   |                        | •                | •                  |
| Cullinet Software                                    | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      |                  | •                  |
| Custom Application Systems, Inc.                     |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Custom Computer Services                             | •                   |                        |                       |                |           | •                 |           |                    |           | •                  |                     |                        |                  | •                  |
| Custom Computer Services, Inc.                       |                     |                        |                       |                |           |                   |           | •                  |           | •                  | •                   |                        |                  | •                  |

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| COMPANY<br>NAME                           | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
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|   | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
| Cutler-Williams, Inc.                     | •                   |                        |                       |                | •         | •                 | •         | •                  |           | •                  |                     |                        |                  |                    | •                        |          | •     |
| Cyber Data Systems                        | •                   | •                      | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| CYBERNET                                  | •                   | •                      | •                     | •              | •         |                   |           |                    | •         | •                  | •                   | •                      | •                | •                  | •                        | •        | •     |
| Cybernetics and Systems Inc.              | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                | •                  | •                        | •        | •     |
| Cybernetics System International Corp     |                     |                        |                       | •              | •         | •                 |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Cybershare Ltd.                           | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                | •                  | •                        | •        | •     |
| Cybertek Computer Products, Inc.          |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Cyborg Systems, Inc.                      | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Cycare Systems, Inc.                      |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  |                    |                          |          | •     |
| Cycom Corporation                         |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  |                    |                          |          | •     |
| CYMA Corporation                          | •                   |                        |                       | •              |           | •                 |           | •                  |           | •                  |                     | •                      |                  |                    |                          | •        | •     |
| Cytrol, Incorporated                      | •                   |                        |                       | •              |           | •                 |           |                    |           | •                  |                     |                        |                  |                    |                          |          | •     |
| DBA Systems, Inc.                         | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    | •                        |          | •     |
| DBMS, Inc.                                | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        |                  |                    |                          |          | •     |
| DCD Company                               |                     | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| DDP Systems, Inc.                         |                     |                        |                       |                | •         |                   |           |                    | •         |                    |                     | •                      | •                | •                  |                          |          | •     |
| DMI Systems, Inc.                         |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| DMR & Associates Ltd.                     | •                   | •                      | •                     |                | •         | •                 | •         | •                  |           | •                  | •                   | •                      | •                | •                  | •                        |          | •     |
| DMW Group, Inc.                           | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                | •                  |                          |          | •     |
| DNA Systems, Inc.                         | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                | •                  |                          |          | •     |
| DPEX, Incorporated                        | •                   | •                      |                       |                |           |                   | •         |                    | •         |                    |                     |                        | •                | •                  |                          |          | •     |
| DST Systems, Inc.                         |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        | •                | •                  |                          |          | •     |
| DYX Corporation                           |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| D&B Computing Services, Inc.              | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Da-Tronics, Inc.                          | •                   | •                      | •                     | •              | •         | •                 | •         | •                  | •         | •                  | •                   | •                      | •                | •                  | •                        |          | •     |
| Dacor, Inc.                               | •                   | •                      |                       |                |           |                   |           |                    |           | •                  | •                   | •                      |                  |                    |                          |          | •     |
| Dagar Software/Software Development Corp. |                     |                        |                       |                |           |                   |           | •                  |           | •                  |                     |                        |                  |                    |                          |          | •     |
| Daisy Systems Corporation                 | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Dalgety, Inc.                             |                     |                        |                       | •              |           |                   |           |                    |           | •                  |                     |                        |                  |                    |                          |          | •     |
| Daly & Wolcott, Inc.                      | •                   | •                      | •                     |                |           |                   |           |                    |           | •                  |                     | •                      |                  |                    |                          |          | •     |
| Damas Office of Tetra Tech Services, Inc. |                     |                        |                       | •              |           |                   |           |                    |           |                    |                     |                        | •                |                    | •                        |          | •     |
| Darcor                                    |                     | •                      | •                     | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      | •                |                    |                          | •        | •     |
| Dash Group, Inc.                          |                     |                        |                       | •              |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Data Architects, Inc.                     |                     |                        |                       |                | •         | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Data Base Logic Inc.                      | •                   |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Data Base Management, Inc.                | •                   |                        |                       |                |           | •                 |           |                    |           | •                  |                     |                        | •                |                    |                          |          | •     |
| Data Basics Corp.                         |                     | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    | •                        | •        | •     |
| Data Belt Corporation                     |                     |                        |                       |                |           |                   |           |                    |           | •                  | •                   | •                      |                  |                    |                          | •        | •     |

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| COMPANY<br>NAME                       | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
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|                                       | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT |
| Data Communications Corporation       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Computing Corporation            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Concepts                         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Consultants Inc.                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Counts                           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Courier, Inc.                    |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Design Associates, Inc.          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Directions, Inc.                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Flow Inc.                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data General Corporation              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Inc.                             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Index Incorporated               |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Law Co.                          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Management Inc.                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Marc Inc.                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Processing & Accounting Services |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Processing Center Inc.           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Processing Consultants           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Processing Design, Inc.          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Processing Educational Corp.     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Processing Services Inc.         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Processing Services of Findlay   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Resources, Inc.                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Retrieval Corporation Of America |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Solutions Inc.                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data South Of Louisiana, Inc.         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Systems Corporation              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Systems for Industry             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Systems of Baton Rouge           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Systems, Inc.                    |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Tek, Incorporated                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Ten, Inc.                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Train, Inc.                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data Universal Corp.                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data 3 Systems                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data-Tax, Inc.                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data-Tek Corporation                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Data-Tronics Corporation              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |

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|   | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT |
| Database Design Inc.                                      | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |
| Datacom Systems Corporation                               |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Datacomp Corporation                                      | •                   |                        | •                     |                | •         |                   |           |                    |           |                    |                     |                        | •                |
| Datacor Services Inc.                                     | •                   | •                      |                       |                |           |                   | •         |                    |           | •                  |                     | •                      | •                |
| Datacrown Inc.  | •                   |                        |                       | •              |           |                   |           |                    |           |                    |                     |                        | •                |
| Dataflow Systems, Inc.                                    | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Datair Systems Corporation                                |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        | •                |
| Datalift Corporation                                      |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Dataline Corporation                                      |                     |                        |                       |                |           |                   |           |                    |           | •                  | •                   | •                      | •                |
| Dataline Systems Ltd.                                     | •                   |                        |                       |                | •         | •                 |           |                    |           |                    |                     |                        | •                |
| Datalink Systems Inc.                                     |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Datamap, Inc.   |                     |                        |                       |                | •         |                   | •         | •                  |           | •                  | •                   | •                      | •                |
| Datamatics  | •                   |                        |                       |                |           | •                 |           |                    | •         | •                  |                     |                        | •                |
| DataMed Systems Corporation                               |                     |                        |                       |                |           |                   | •         | •                  |           |                    |                     |                        | •                |
| Datamedic   |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Datanetics  |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Datanetwork, Inc.   | •                   |                        | •                     | •              | •         |                   |           | •                  | •         |                    |                     | •                      | •                |
| Datanex, Inc.   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Dataplex Company  | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Dataslink Business Systems, Inc.                          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Datatab Inc.  |                     | •                      |                       |                | •         | •                 |           |                    |           |                    | •                   |                        | •                |
| Datatel Inc.  |                     |                        |                       |                |           | •                 |           |                    | •         | •                  |                     |                        | •                |
| Datatronic Systems Corporation Computer Sciences Division | •                   | •                      | •                     | •              | •         | •                 | •         |                    |           | •                  |                     | •                      | •                |
| Datec, Inc.   |                     | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Datek Insta Card Corporation                              |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Datex Inc.  | •                   |                        |                       | •              | •         | •                 | •         |                    | •         | •                  |                     | •                      | •                |
| Datronics, Inc.   |                     | •                      |                       |                |           |                   |           |                    |           | •                  |                     |                        | •                |
| Davidson Associates                                       |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        | •                |
| Davidson Software Systems                                 | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        | •                |
| Dawson Geophysical Company                                |                     |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Dealer Information Systems                                |                     | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| DeBugge Computer Services Inc.                            | •                   | •                      | •                     |                |           |                   |           |                    |           | •                  |                     | •                      | •                |
| Decimus Corporation                                       |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Decision Consultants Inc.                                 | •                   | •                      | •                     | •              |           | •                 | •         | •                  |           | •                  | •                   | •                      | •                |
| Decision Focus Inc.                                       |                     |                        |                       |                | •         |                   |           |                    |           |                    |                     |                        | •                |
| Decision Graphics   | •                   |                        |                       |                |           |                   | •         |                    |           |                    |                     | •                      | •                |
| Decision Products Services, Inc.                          |                     |                        |                       |                | •         |                   |           | •                  |           |                    |                     |                        | •                |



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|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT |
| Decision Resources Corporation                 | ●                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Decision Sciences Corporation                  | ●                   | ●                      | ●                     |                | ●         | ●                 |           |                    |           | ●                  |                     | ●                      | ●                | ●                  |
| Decision Systems, Inc.                         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Decisionex, Inc.                               |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Decisions Development Inc.                     |                     |                        |                       |                | ●         |                   |           |                    |           | ●                  |                     |                        |                  | ●                  |
| Del Bron Inc.                                  |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  | ●                  |
| Del Rey Systems, Inc.                          | ●                   |                        | ●                     | ●              |           |                   |           |                    |           | ●                  | ●                   |                        |                  | ●                  |
| Del-Data Computer Services                     |                     |                        | ●                     |                |           | ●                 | ●         | ●                  | ●         | ●                  | ●                   |                        | ●                | ●                  |
| Delphi Associates, Inc.                        |                     |                        |                       |                |           |                   | ●         | ●                  |           |                    |                     |                        |                  | ●                  |
| Delphi Data Systems, Inc.                      | ●                   | ●                      |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  | ●                   | ●                      |                  | ●                  |
| Delphi Systems Inc.                            |                     |                        |                       |                |           | ●                 |           |                    |           | ●                  |                     |                        | ●                | ●                  |
| Densichron Division                            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Denver Processing Center, Inc.                 | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Denver Software Company, The                   |                     |                        |                       |                |           |                   |           | ●                  | ●         | ●                  | ●                   |                        |                  | ●                  |
| Design Aids, Inc.                              |                     | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Design Consultants, Inc.                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Designers & Builders of Information Systems    | ●                   |                        |                       |                |           |                   |           | ●                  |           | ●                  | ●                   | ●                      |                  | ●                  |
| DesignWare                                     |                     |                        |                       |                |           |                   |           |                    | ●         |                    |                     |                        |                  | ●                  |
| Desk Top Financial Solutions Inc               |                     | ●                      |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  | ●                  |
| Development Systems International              | ●                   | ●                      |                       | ●              |           | ●                 | ●         |                    |           | ●                  | ●                   | ●                      |                  | ●                  |
| Dexel Systems Corporation                      |                     |                        |                       |                | ●         | ●                 | ●         |                    |           |                    |                     |                        | ●                | ●                  |
| Dialog Information Services, Inc.              |                     |                        |                       |                |           |                   |           |                    | ●         |                    |                     |                        | ●                | ●                  |
| Dialogue Inc.                                  | ●                   | ●                      | ●                     |                |           | ●                 |           |                    |           | ●                  |                     |                        | ●                | ●                  |
| Digicon Inc.                                   |                     |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Digidat Systems Inc.                           |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  | ●                  |
| Digital Datacom Inc.                           |                     | ●                      |                       |                |           |                   |           |                    |           | ●                  |                     |                        |                  | ●                  |
| Digital Equipment Corporation                  | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                | ●                  |
| Digital Information Systems Corporation (DISC) |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Digital Marketing Corporation                  |                     | ●                      |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  | ●                  |
| Digital Microsystems                           | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     | ●                      |                  | ●                  |
| Digital Research Inc.                          | ●                   |                        |                       |                |           |                   |           |                    |           |                    | ●                   |                        |                  | ●                  |
| Digital Resources Corporation                  | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Digital Systems of Florida, Inc.               |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  | ●                  |
| Digitgraph Computers Systems Co                | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Dimension Systems Corp.                        |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  | ●                  |
| DIMIS, Inc.                                    |                     |                        |                       |                |           |                   |           |                    |           | ●                  |                     |                        |                  | ●                  |
| DIRECT, Incorporated                           | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                | ●                  |
| Directions Inc.                                |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  | ●                  |



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| COMPANY<br>NAME                        | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
|--|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|--------------------|--------------------------|----------|-------|
|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
| DISC, Inc.                             |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Dispersed Software Systems, Inc. (DSS) | •                   |                        | •                     |                |           |                   |           |                    |           | •                  | •                   | •                      |                  |                    |                          | •        | •     |
| Display Data Corporation               |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     | •                      |                  |                    |                          |          | •     |
| Distribution & Retail Systems Division |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     | •                      |                  |                    |                          |          | •     |
| Distribution Management Systems, Inc.  | •                   |                        |                       |                | •         |                   |           |                    |           | •                  | •                   | •                      |                  |                    |                          |          | •     |
| Distribution Research Associates, Inc. | •                   |                        |                       |                |           |                   |           |                    |           |                    | •                   |                        |                  |                    |                          |          | •     |
| Distribution Sciences Inc.             | •                   |                        |                       |                | •         |                   |           |                    |           | •                  | •                   |                        |                  |                    |                          |          | •     |
| Diversified Computer Systems           |                     |                        |                       |                |           | •                 |           | •                  |           |                    |                     |                        |                  |                    |                          |          | •     |
| Diversified Data Resources, Inc.       | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Diversified Data Systems Inc.          | •                   | •                      | •                     | •              |           | •                 |           |                    |           | •                  | •                   |                        | •                | •                  | •                        |          | •     |
| DOSE Pharmacy Systems                  |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  |                    |                          |          | •     |
| Dow Jones & Company, Inc.              |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Dow Jones News/Retrieval Service       |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Dubuque Data Services                  |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Dun and Bradstreet                     | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Duquesne Systems Inc.                  | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     |                        | •                |                    |                          | •        | •     |
| Dyatron Corporation                    |                     |                        |                       |                |           | •                 | •         | •                  | •         | •                  | •                   |                        |                  |                    |                          |          | •     |
| Dyer, Wells & Associates               |                     |                        |                       |                |           | •                 | •         | •                  |           |                    |                     |                        |                  |                    |                          |          | •     |
| Dylakor                                | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Dynaletron Corporation                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |                          |          | •     |
| Dynamic Control Corporation            |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  |                    |                          |          | •     |
| Dynamic Data Processing Inc.           |                     |                        | •                     | •              | •         | •                 |           | •                  | •         |                    |                     |                        | •                |                    |                          | •        | •     |
| Dynamic Solutions, Inc.                | •                   |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Dynamicro Software Corp. (DSC)         |                     |                        |                       |                |           |                   |           |                    |           |                    | •                   |                        |                  |                    |                          |          | •     |
| Dynamics Research Corporation          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |                    |                          |          | •     |
| Dynax Resources, Inc.                  |                     | •                      | •                     |                |           | •                 | •         | •                  |           |                    | •                   | •                      |                  |                    |                          |          | •     |
| E/Soft Incorporated                    |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| EBS Data Processing Inc.               |                     |                        |                       |                |           |                   |           | •                  |           | •                  | •                   | •                      |                  |                    |                          |          | •     |
| EDP Corporation, The                   | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| EECO Computer Inc.                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| EFT Data Services, Inc.                |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| EMA, Inc.                              | •                   |                        |                       | •              | •         |                   |           |                    |           |                    |                     |                        | •                |                    | •                        |          | •     |
| ESI                                    | •                   |                        |                       |                |           | •                 | •         |                    |           | •                  |                     |                        |                  |                    |                          |          | •     |
| ETA International, Inc.                |                     | •                      |                       |                |           |                   |           |                    |           |                    | •                   | •                      |                  | •                  | •                        |          | •     |
| Eagle Computing Corporation            |                     |                        |                       |                |           | •                 |           |                    |           | •                  | •                   |                        |                  |                    |                          |          | •     |
| Eastern Airlines, Inc.                 |                     |                        |                       | •              |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Eastern States Bankcard Associates     |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Ecco Consulting, Inc.                  | •                   |                        |                       |                |           |                   |           | •                  |           | •                  |                     |                        |                  |                    | •                        |          | •     |

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| COMPANY<br>NAME                          | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
|--|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|
|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT |
| Econo Data, Inc.                         |                     |                        |                       | ●              |           |                   |           |                    |           |                    |                     |                        |                  |
| Economic Technology Association (ETA)    |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Edu-Ware Services, Inc.                  |                     |                        |                       |                |           |                   |           |                    | ●         | ●                  |                     |                        | ●                |
| Educational Methods, Inc.                |                     |                        |                       |                |           | ●                 |           |                    | ●         |                    |                     |                        |                  |
| Edwards, J.D. & Company                  |                     |                        |                       |                |           |                   |           |                    | ●         |                    |                     |                        |                  |
| Electrocon International, Inc.           |                     |                        |                       | ●              |           |                   |           |                    |           |                    |                     |                        |                  |
| Electron Information Systems             | ●                   | ●                      |                       |                |           |                   |           |                    | ●         |                    |                     |                        | ●                |
| Electronic Banking Systems               |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     | ●                      | ●                |
| Electronic Data Systems Corporation      | ●                   | ●                      | ●                     |                |           | ●                 | ●         | ●                  |           |                    |                     | ●                      | ●                |
| Electronic Tabulating Corporation        |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        | ●                |
| Elke Corporation                         | ●                   |                        |                       | ●              | ●         |                   | ●         |                    |           |                    |                     |                        |                  |
| Embassy Institute, The                   |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        | ●                |
| Employee Communication Services Inc.     |                     |                        |                       |                |           | ●                 | ●         | ●                  |           |                    |                     |                        | ●                |
| Endata, Inc.                             |                     |                        |                       |                | ●         | ●                 |           | ●                  |           | ●                  | ●                   | ●                      | ●                |
| Energy Analysts Inc                      | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Energy, Inc.                             | ●                   |                        |                       |                | ●         |                   |           |                    |           |                    |                     |                        | ●                |
| Enertec Inc.                             | ●                   |                        | ●                     |                |           |                   |           | ●                  |           |                    |                     |                        | ●                |
| Engineering Systems Corporation          |                     | ●                      | ●                     |                | ●         |                   |           |                    |           |                    |                     |                        | ●                |
| Enhansys Inc.                            | ●                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Enterprise Computer Systems              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Environmental Systems Research Institute |                     |                        |                       |                |           |                   |           |                    |           |                    |                     | ●                      | ●                |
| Envoy Corporation                        |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        | ●                |
| Epsilon Data Management, Inc.            |                     |                        |                       | ●              |           |                   |           |                    | ●         | ●                  |                     |                        |                  |
| Equifax Inc.                             |                     |                        |                       |                | ●         | ●                 | ●         |                    |           |                    |                     |                        | ●                |
| Erisco Inc.                              | ●                   |                        |                       |                |           | ●                 | ●         | ●                  |           |                    |                     |                        | ●                |
| Escom, Inc.                              |                     | ●                      |                       | ●              | ●         | ●                 | ●         | ●                  |           |                    | ●                   |                        | ●                |
| Essex Corporation                        | ●                   |                        |                       |                | ●         |                   |           |                    | ●         |                    |                     |                        | ●                |
| Evans & Sutherland                       | ●                   |                        |                       | ●              |           |                   |           |                    |           |                    |                     | ●                      | ●                |
| Evans, Griffiths & Hart, Inc.            |                     |                        |                       |                | ●         | ●                 |           | ●                  |           |                    |                     |                        | ●                |
| Evergreen Geophysical Associates Inc     | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |
| EXECUCOM Systems Corporation             | ●                   |                        | ●                     | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     | ●                      | ●                |
| Executec Corporation                     | ●                   |                        |                       |                | ●         | ●                 | ●         | ●                  | ●         |                    |                     |                        | ●                |
| Executive Compumetrics, Inc.             | ●                   | ●                      |                       |                | ●         | ●                 | ●         |                    |           |                    |                     |                        | ●                |
| Exeter Software Limited                  |                     |                        |                       |                |           |                   |           |                    | ●         |                    | ●                   |                        | ●                |
| Exploration Processing Corp.             | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Explorer Seismic Services                | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| FBC, Inc.                                |                     |                        |                       |                | ●         |                   |           |                    |           |                    |                     |                        | ●                |
| Factory Systems                          | ●                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |

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| COMPANY<br>NAME                           | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
|---|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|--------------------|
|   | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT |
| Fair, Isaac Companies                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Fairfield Data Processing                 | •                   |                        | •                     |                |           |                   |           |                    |           | •                  | •                   |                        |                  |                    |
| Fall, J.R. & Company Company              | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  |                    |
| Far West Systems, Inc.                    |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  |                    |
| Federal Data Corp.                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                | •                  |
| Ferox Microsystems, Inc.                  | •                   |                        |                       | •              |           | •                 |           |                    |           |                    |                     |                        | •                | •                  |
| Fidler Bateman                            |                     |                        |                       |                |           |                   |           |                    | •         | •                  |                     |                        | •                | •                  |
| Fiduciary Processing, Inc.                |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                | •                  |
| Fields Financial Services                 |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        |                  | •                  |
| Figgie Systems Management Group, Inc.     | •                   | •                      |                       |                |           |                   |           |                    |           | •                  |                     | •                      |                  |                    |
| Financial Data Services                   |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Financial Decisions Systems, Inc.         | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                | •                  |
| Financial Institution Services, Inc.      | •                   |                        |                       | •              |           | •                 | •         | •                  |           |                    |                     |                        |                  | •                  |
| Financial Interstate Services             |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Financial Services, Inc.                  |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Financial Software Inc.                   | •                   |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Financial Systems Consultants             |                     |                        |                       |                |           | •                 |           |                    | •         | •                  |                     |                        |                  | •                  |
| Financial Systems, Inc.                   |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Finserv Computer Corporation              | •                   | •                      |                       |                |           | •                 | •         | •                  |           |                    |                     |                        | •                | •                  |
| First City Services Company               |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| First Computer Corporation                |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| First Computer Services, Inc.             |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| First Data Management Company, Inc.       |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        |                  | •                  |
| First Data Resources, Inc.                |                     |                        |                       |                | •         | •                 |           |                    |           | •                  |                     | •                      |                  | •                  |
| First Financial Management Corporation    |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Five Technologies, Inc.                   |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Fleet Information, Inc.                   | •                   |                        |                       |                |           | •                 |           |                    |           |                    |                     | •                      |                  | •                  |
| Fleet Management Systems, Inc.            |                     | •                      |                       | •              | •         | •                 |           |                    |           | •                  | •                   |                        |                  | •                  |
| Florida Software Services, Inc.           |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Florida State University Computing Center |                     |                        |                       | •              |           |                   |           |                    |           |                    |                     |                        | •                | •                  |
| Flow General, Inc.                        |                     | •                      | •                     |                |           |                   |           |                    | •         |                    |                     |                        | •                | •                  |
| Foothill Associates, Inc.                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Ford & Associates, Inc.                   | •                   |                        |                       | •              |           |                   |           |                    |           | •                  | •                   | •                      |                  | •                  |
| Foresight, Inc.                           | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  | •                  |
| FORTH, Inc.                               | •                   | •                      | •                     |                |           |                   |           |                    |           | •                  |                     |                        | •                | •                  |
| Fortune Systems Corporation               | •                   |                        |                       |                |           | •                 | •         |                    | •         | •                  |                     |                        |                  | •                  |
| Fox & Geller, Inc.                        | •                   |                        |                       | •              |           | •                 | •         | •                  | •         | •                  |                     | •                      |                  | •                  |
| Frey Associates, Inc.                     |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        |                  | •                  |

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| COMPANY<br>NAME                               | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
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|   | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT |
| Frey Federal Systems Corporation              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Frey, Donald R. & Co.                         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Friesen International, Inc.                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| FundsNet, Inc.                                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Fusion Products International                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| GMD Systems International Inc.                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| GT Software, Inc.                             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| GTE Telenet Communications Corporation        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| GTECH Corporation                             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Galler Automation Industries Inc.             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Galler Hospitality Systems Inc.               |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Gamma Systems Services                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Gancom Inc.                                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Garner Venture Computing                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Garrett Computing Systems Inc.                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Geac, Inc.                                    |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| GEJAC Incorporated                            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Gelco Maintenance Systems                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Gellman, Hayward & Partners, Ltd.             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Gemini Business Systems                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| GENASYS Corporation                           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Genelco, Inc.                                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| General Computer Corporation                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| General Construction Data Systems, Inc.       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| General Contractor Data Service               |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| General Electric CAE International, Inc.      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| General Electric Information Services Company |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| General Systems Group, Inc.                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Genesee Computer Center, Inc.                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Genesystems, Inc.                             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Genesys Software Systems, Inc.                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Genigraphics Corporation                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Geo Data Corporation                          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Geo-Search Seismic Processors                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Geobased Systems, Inc.                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Geodynamics Incorporated                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Geographic Systems, Inc.                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| GeoQuest International Inc.                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |

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| COMPANY<br>NAME                           | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
|---|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|--------------------|--------------------------|----------|-------|
|   | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
| Geosource Inc.                            | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Gerard Systems, Inc.                      |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  |                    |                          |          | •     |
| Gerber Scientific, Inc.                   | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| GESCO Corporation                         |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  |                    |                          |          | •     |
| Gifford Fong Associates                   |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Gilbert Associates Inc.                   | •                   | •                      | •                     |                | •         |                   | •         |                    | •         |                    | •                   |                        | •                |                    |                          |          | •     |
| Global Computer Systems, Inc.             | •                   | •                      | •                     |                |           |                   |           |                    |           | •                  |                     |                        |                  | •                  |                          | •        | •     |
| Global Data Corporation                   | •                   |                        |                       |                |           |                   |           | •                  |           | •                  |                     | •                      | •                |                    | •                        | •        | •     |
| Global Software                           |                     | •                      | •                     | •              | •         | •                 | •         | •                  |           |                    | •                   | •                      |                  | •                  | •                        | •        | •     |
| Goal Systems International Inc            | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Goldbrick Inc.                            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Gottfried Consultants                     | •                   |                        |                       |                | •         | •                 |           | •                  | •         |                    |                     |                        |                  |                    |                          | •        | •     |
| Gramco Inc.                               |                     | •                      |                       |                |           |                   |           | •                  |           |                    |                     | •                      |                  |                    |                          | •        | •     |
| Graphic Arts Data Service                 | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Graphic Software Systems                  | •                   |                        |                       |                |           | •                 |           | •                  | •         |                    |                     |                        | •                |                    |                          |          | •     |
| Graphics Concepts, Inc.                   |                     | •                      | •                     |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |                          |          | •     |
| Graphics Technology Corporation (Graftek) | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Great Lakes Information Systems Ltd.      | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  |                    |                          | •        | •     |
| Great Plains Software, Inc.               | •                   |                        |                       | •              |           | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Greer Sontag Associates Inc.              |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Group Operations, Inc.                    | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        |                  | •                  |                          | •        | •     |
| Grumman Data Systems Corporation          |                     |                        |                       | •              | •         |                   | •         |                    |           |                    |                     |                        | •                | •                  |                          |          | •     |
| Gull Resources Management Systems, Inc    |                     | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Gulley Computer Associates                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| H & A Computer Systems, Inc.              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| H & W Computer Systems                    | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| HAI Computer Services                     |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  |                    |                          |          | •     |
| HBO & Company                             |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  |                    |                          |          | •     |
| HBS Information Systems, Inc.             | •                   | •                      | •                     |                |           |                   |           |                    |           |                    |                     | •                      |                  |                    |                          |          | •     |
| Hadron Inc.                               |                     |                        |                       | •              |           |                   |           |                    |           |                    |                     |                        | •                | •                  | •                        | •        | •     |
| Hal Systems & Services                    |                     |                        | •                     |                |           |                   | •         |                    |           |                    |                     |                        |                  | •                  | •                        | •        | •     |
| Hale Systems, Inc.                        |                     |                        |                       |                | •         | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Hallahan, G.W. and Co Inc.                | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  |                    |                          |          | •     |
| Hancock-Dikewood Services Inc.            |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        | •                |                    | •                        |          | •     |
| Haney Group, Inc.                         |                     |                        |                       |                |           | •                 | •         |                    |           | •                  | •                   |                        |                  |                    |                          |          | •     |
| Harfax Database Publishing                | •                   |                        | •                     |                |           | •                 | •         | •                  |           |                    |                     |                        | •                | •                  | •                        |          | •     |
| Harris Data Service Inc.                  | •                   |                        |                       |                |           |                   |           |                    |           | •                  | •                   | •                      |                  |                    |                          | •        | •     |
| Harris Information Systems, Systems, Inc. |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     | •                      |                  |                    |                          |          | •     |

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| COMPANY NAME                             | INDUSTRY MARKETS    |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
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|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT |
| Harris Laboratories, Inc.                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Harris Publishing Company                |                     | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Harris Technical Systems, Inc.           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Harris Technology Group, Inc.            |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Hart Systems Inc.                        |                     |                        |                       |                |           |                   |           |                    |           | •                  | •                   |                        |                  | •                  |
| Hartley Data Service, Inc.               |                     |                        |                       |                |           |                   | •         |                    |           | •                  |                     |                        |                  | •                  |
| Haverly Systems, Inc.                    | •                   |                        | •                     | •              | •         | •                 |           |                    | •         |                    |                     |                        | •                | •                  |
| Hayden Publishing Software               |                     |                        |                       |                |           |                   |           |                    |           |                    | •                   |                        |                  | •                  |
| Health Information Systems, Inc.         |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  | •                  |
| Health Systems Institute of Maine        |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                | •                  |
| Heineck Associates, Inc.                 | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  | •                  |
| Helm Data Processing Inc.                | •                   |                        | •                     |                |           |                   |           |                    |           | •                  | •                   |                        |                  | •                  |
| Hemenway Corporation                     | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Henry, Jack & Associates                 |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Heritage Computer Corporation            |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  | •                  |
| Heuristic DataSystems, Inc.              | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| High Technology Software Products, Inc.  | •                   |                        |                       |                |           |                   |           | •                  | •         | •                  |                     |                        |                  | •                  |
| Higley & Company, Inc.                   | •                   | •                      | •                     |                |           |                   |           |                    |           | •                  |                     | •                      |                  | •                  |
| Hilltop Enterprises, Inc.                |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     | •                      |                  | •                  |
| Hogan Systems, Inc.                      |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Holland Systems Corporation              | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      |                  | •                  |
| Holmes & Shaw Inc.                       |                     |                        |                       | •              |           |                   |           |                    |           |                    | •                   | •                      |                  | •                  |
| Honeywell Inc.                           | •                   |                        | •                     | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      |                  | •                  |
| Horizon Software Systems                 | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  | •                  |
| Hospital Data Services                   |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  | •                  |
| Hotze, James B. Company                  |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| Houghton Mifflin Company                 | •                   | •                      |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  | •                  |
| Houston Data Center Inc.                 |                     | •                      | •                     | •              |           |                   |           | •                  |           |                    | •                   | •                      |                  | •                  |
| Houston Engineering Research Corporation |                     |                        | •                     |                | •         |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Houston Information Systems Inc          |                     |                        |                       |                | •         |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Houston Processors, Inc.                 | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Hurd, Nicholas N. Inc.                   |                     |                        |                       | •              |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| I-Concepts, Inc.                         | •                   |                        |                       |                |           | •                 |           |                    | •         |                    |                     |                        |                  | •                  |
| IBM Information Network                  |                     | •                      |                       | •              |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| ICS Group                                |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |
| IE Systems                               |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| IFA Computer Services Inc.               | •                   |                        | •                     |                |           |                   | •         |                    |           |                    |                     |                        |                  | •                  |
| III Systems, Inc.                        |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  | •                  |



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| COMPANY<br>NAME                                  | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
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|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT |
| IMI Health Systems Corporation Applications Inc. |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| IMI Systems                                      | •                   |                        |                       |                | •         |                   |           |                    |           |                    |                     |                        | •                |
| IMS Systems Corporation                          |                     |                        |                       | •              | •         | •                 | •         |                    |           |                    |                     |                        | •                |
| IPL, Inc.  | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  |
| ISI Systems, Inc.                                |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  |
| ITT Dialcom, Inc.                                | •                   |                        |                       |                |           | •                 | •         |                    |           | •                  |                     |                        | •                |
| Iconix   | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      | •                |
| Illinois Micro Inc                               |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  |
| Image Sciences, Inc.                             | •                   |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        | •                |
| Imaging & Graphics Division of Gould, Inc.       | •                   | •                      | •                     |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Impact Systems                                   | •                   | •                      | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Incepts, Inc.                                    |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        | •                |
| INCO Inc.  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Indecon Inc.                                     | •                   | •                      | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Independent Computer Systems, Inc. (ICS)         |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        | •                |
| Independent Tax Corporation (ITC)                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Index Systems Inc.                               |                     | •                      |                       | •              |           | •                 | •         | •                  |           | •                  |                     |                        | •                |
| Industrial Programming, Inc.                     | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Info Systems of N.C., Inc.                       | •                   | •                      | •                     |                | •         | •                 |           | •                  |           | •                  | •                   |                        | •                |
| Info-Pros, Inc.                                  | •                   |                        |                       | •              | •         | •                 | •         | •                  |           | •                  |                     |                        | •                |
| INFOCEL Incorporated                             |                     |                        |                       | •              |           |                   |           |                    | •         |                    |                     |                        | •                |
| Infodata Systems Inc.                            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Infographics Inc.                                |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Informed   |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        | •                |
| Informata Landex Systems                         |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        | •                |
| Informatics General Corporation                  | •                   |                        |                       |                |           |                   | •         |                    |           | •                  |                     |                        | •                |
| Information Access Co.                           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Information Automation, Inc.                     | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Information Builders, Inc.                       | •                   |                        |                       | •              | •         | •                 | •         |                    | •         | •                  |                     |                        | •                |
| Information Management International             |                     |                        |                       |                |           | •                 |           | •                  |           |                    |                     |                        | •                |
| Information Management Technologies              | •                   | •                      | •                     | •              |           | •                 |           |                    |           | •                  | •                   | •                      | •                |
| Information People, The                          |                     |                        |                       |                | •         |                   |           | •                  | •         |                    |                     |                        | •                |
| Information Plus, Inc.                           | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Information Processing Corporation               | •                   | •                      | •                     | •              |           |                   |           |                    |           |                    |                     |                        | •                |
| Information Processing Inc.                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Information Research Associates                  |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        | •                |
| Information Resources Ltd.                       |                     |                        |                       |                |           |                   |           |                    |           | •                  | •                   |                        | •                |
| Information Resources, Inc.                      | •                   | •                      | •                     |                |           |                   |           |                    |           | •                  |                     |                        | •                |



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| COMPANY NAME                                    | INDUSTRY MARKETS    |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
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|   | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT |
| Information Science Incorporated (InSci)        |                     |                        |                       |                |           | ●                 | ●         |                    |           |                    |                     |                        |                  |
| Information Systems Investment Corporation      | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     | ●                      |                  |
| Information Systems Inc.                        | ●                   | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Information Systems of America, Inc. (ISA)      | ●                   |                        |                       |                |           | ●                 | ●         | ●                  |           | ●                  |                     |                        |                  |
| Information Technology, Inc.                    |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |
| Infoware Systems, Inc. (ISI)                    |                     |                        |                       |                |           | ●                 |           |                    |           | ●                  | ●                   | ●                      |                  |
| Infoservices, Inc.                              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Infotec Development Inc.                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Infotecs, Inc.                                  | ●                   | ●                      | ●                     |                |           |                   | ●         |                    |           |                    |                     |                        | ●                |
| Innovation Data Processing, Inc.                | ●                   |                        |                       | ●              | ●         |                   |           |                    |           |                    |                     |                        |                  |
| Innovative Software, Inc.                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Innovative Systems, Inc.                        | ●                   |                        |                       |                |           | ●                 |           |                    | ●         | ●                  |                     |                        |                  |
| Input Output Computer Services                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Input Services, Inc.                            | ●                   | ●                      |                       |                | ●         | ●                 | ●         | ●                  |           | ●                  | ●                   | ●                      |                  |
| Insight Software Systems                        | ●                   |                        |                       |                |           |                   |           |                    |           | ●                  |                     |                        |                  |
| Inslaw, Inc.                                    |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Institutional Networks Corporation (INSTINET)   |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        | ●                |
| Insurance Information, Inc.                     |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        | ●                |
| Insurance Network Systems, Inc.                 |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        | ●                |
| Insurance Publishing and Computers, Inc.        |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        | ●                |
| Insurance Servicing & Information Systems Corp. |                     |                        |                       |                |           |                   | ●         | ●                  |           |                    |                     | ●                      | ●                |
| Integral Business Computing, Inc.               | ●                   | ●                      |                       |                |           |                   |           |                    |           | ●                  | ●                   | ●                      |                  |
| Integral Systems, Inc.                          | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  |           | ●                  | ●                   | ●                      | ●                |
| Integrated Automation Inc.                      | ●                   | ●                      | ●                     | ●              | ●         | ●                 |           |                    |           | ●                  | ●                   | ●                      | ●                |
| Integrated Computer Applications                |                     |                        |                       | ●              |           | ●                 | ●         |                    |           |                    |                     |                        | ●                |
| Integrated Computer Systems, Inc.               | ●                   |                        |                       |                |           |                   |           |                    |           | ●                  |                     |                        | ●                |
| Integrated Computer Software, Inc.              | ●                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Integrated Computer Systems, Inc.               |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Integrated Microcomputer Systems, Inc.          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     | ●                      | ●                |
| Integrated Office Concepts Inc.                 | ●                   |                        | ●                     |                | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     | ●                      | ●                |
| Integrated Software Systems Corporation (ISSCO) | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     | ●                      | ●                |
| Integrated Systems Group, Inc.                  |                     |                        |                       |                |           | ●                 |           |                    |           | ●                  | ●                   | ●                      | ●                |
| Integrated Systems Management                   |                     |                        |                       |                |           |                   |           | ●                  |           | ●                  | ●                   |                        | ●                |
| Integrity Solutions, Inc.                       | ●                   |                        |                       | ●              | ●         | ●                 | ●         |                    | ●         |                    |                     | ●                      | ●                |
| Intellectron Incorporated                       |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        | ●                |
| IntelliCorp                                     |                     |                        | ●                     |                |           |                   |           |                    | ●         |                    |                     |                        | ●                |
| Intellidata Incorporated                        | ●                   |                        |                       |                |           | ●                 |           |                    |           | ●                  |                     | ●                      | ●                |
| Intelligence Interlink Corporation              |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     | ●                      | ●                |

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| COMPANY<br>NAME                                | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
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| Intelligent Systems Corp.                      | •                   |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  |
| Interactive Applications, Inc.                 | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Interactive Computer Enterprises Inc.          | •                   |                        |                       |                |           |                   | •         | •                  |           | •                  |                     |                        |                  |
| Interactive Data Corporation                   | •                   |                        |                       |                |           | •                 | •         |                    |           |                    |                     | •                      |                  |
| Interactive Data Services, Inc.                |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     | •                      | •                |
| Interactive Information Systems, Inc.          | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Interactive Information System Inc.            |                     |                        | •                     |                |           |                   |           |                    |           | •                  | •                   |                        | •                |
| Interactive Logic Inc.                         | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Interactive Marketing Systems (IMS)            | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      | •                |
| Interactive Software Systems Inc.              | •                   | •                      |                       |                |           | •                 |           | •                  | •         |                    |                     |                        | •                |
| Interactive Software, Inc.                     |                     |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Interactive System Corporation                 |                     |                        |                       |                | •         |                   |           |                    |           |                    |                     | •                      | •                |
| INTERACTIVE Systems Corporation                | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      | •                |
| Interactive, Incorporated                      | •                   | •                      |                       |                |           |                   |           |                    | •         |                    | •                   |                        | •                |
| Intergraph Corporation                         | •                   | •                      | •                     | •              | •         |                   |           |                    |           |                    |                     |                        | •                |
| Intermetrics, Inc.                             | •                   | •                      | •                     |                | •         |                   |           |                    |           |                    |                     |                        | •                |
| Intermountain Health Care, Inc.                |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| International Business Machines                | •                   |                        |                       | •              | •         | •                 | •         |                    |           |                    |                     |                        | •                |
| International Business Services Inc.           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     | •                      | •                |
| International Computaprint Corporation         | •                   | •                      |                       |                | •         |                   |           |                    |           |                    |                     | •                      | •                |
| International Computer Systems, Inc.           | •                   | •                      | •                     |                | •         |                   |           |                    |           |                    |                     | •                      | •                |
| International Computing System                 | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| International Data Processing, Inc.            |                     |                        |                       |                |           |                   |           | •                  | •         |                    |                     |                        | •                |
| International Environment Research, Inc. (IER) |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| International Micro Systems Inc.               | •                   |                        |                       |                |           |                   |           | •                  | •         | •                  | •                   |                        | •                |
| Interpretive Data Systems                      |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Interpretive Data Systems                      |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Interprocess Systems, Inc.                     | •                   | •                      | •                     | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      | •                |
| Intertec Diversified Systems, Inc.             | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Investment Computer Services Inc               | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      | •                |
| JBS Associates, Inc.                           |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        | •                |
| Jackson Seismic Processing, Inc.               | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Jacobs, Thomas L. & Associates                 | •                   |                        |                       |                |           |                   | •         | •                  |           |                    |                     |                        | •                |
| Jacobsen & Associates                          | •                   | •                      | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| James, Fred S. and Company                     | •                   |                        |                       | •              | •         |                   | •         | •                  | •         |                    |                     | •                      | •                |
| Johnston, Brown & Associates, Inc. (JBA)       | •                   | •                      | •                     |                | •         |                   | •         |                    | •         |                    |                     | •                      | •                |
| Jones/Hospplex Systems, Inc.                   |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        | •                |
| KGA Engineering Inc.                           | •                   |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        | •                |

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| COMPANY<br>NAME                                    | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
|--|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|--------------------|--------------------------|----------|-------|
|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
| K.H. Little, Inc.                                  | •                   | •                      | •                     | •              | •         | •                 | •         | •                  | •         |                    |                     |                        |                  |                    |                          | •        | •     |
| Kappa Systems Inc.                                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                | •                  | •                        | •        | •     |
| Kates Komputers                                    |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Keane, Inc.  | •                   |                        |                       |                | •         | •                 | •         | •                  |           |                    |                     |                        |                  |                    |                          |          | •     |
| Kearney, A.T.                                      | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        |                  | •                  |                          | •        | •     |
| Kebert Corporation                                 | •                   |                        | •                     |                |           |                   | •         |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Kencom, Inc.                                       |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Kennedy & Coe                                      | •                   | •                      | •                     | •              | •         | •                 | •         | •                  | •         | •                  | •                   |                        | •                |                    | •                        | •        | •     |
| Kentron International Inc.                         |                     |                        |                       | •              | •         |                   |           |                    |           |                    |                     |                        | •                | •                  | •                        | •        | •     |
| Key Data Services Inc.                             |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Key Management Inc.                                | •                   |                        | •                     | •              |           | •                 |           | •                  |           | •                  |                     | •                      | •                |                    | •                        |          | •     |
| Keydata Corporation                                | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     | •                      |                  |                    |                          |          | •     |
| Keystone Computer Associates Inc.                  |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                | •                  |                          |          | •     |
| Kimbrough Computer Sales, Inc.                     |                     |                        |                       |                | •         | •                 | •         | •                  |           |                    |                     | •                      |                  |                    |                          | •        | •     |
| Kirchman Corporation                               |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Knuth Computer Services Inc                        |                     |                        |                       | •              | •         |                   |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Krell Software Corp                                |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  |                    |                          |          | •     |
| Krohm International, Ltd                           | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| L.N.K. Corporation                                 |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        | •                | •                  |                          |          | •     |
| LCS Data Processing Inc.                           |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| LCS Industries, Inc.                               | •                   | •                      | •                     | •              |           | •                 | •         |                    |           | •                  | •                   | •                      |                  |                    |                          | •        | •     |
| Laidlaw, Richard E. Inc.                           |                     |                        |                       |                |           |                   |           |                    |           | •                  | •                   | •                      |                  |                    |                          |          | •     |
| LAN Systems, Inc.                                  | •                   | •                      |                       |                |           |                   |           |                    |           | •                  | •                   | •                      |                  |                    |                          |          | •     |
| Landart Systems, Inc.                              |                     |                        |                       |                | •         | •                 | •         |                    |           |                    |                     |                        | •                | •                  |                          | •        | •     |
| Latron Computer Systems, Inc.                      |                     |                        |                       |                |           |                   | •         |                    |           | •                  |                     |                        |                  |                    |                          | •        | •     |
| Lawson Associates                                  | •                   |                        |                       |                | •         |                   |           |                    |           | •                  |                     |                        |                  |                    |                          | •        | •     |
| Leading Software Technologies Corp.                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Learmonth & Burchett Management Systems Inc (LBMS) | •                   |                        |                       |                | •         |                   | •         |                    |           |                    |                     |                        | •                |                    |                          |          | •     |
| Learning Company, The                              |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  |                    |                          |          | •     |
| Legal Data Systems, Inc.                           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Levi, Ray & Shoup Inc.                             | •                   |                        |                       |                | •         |                   | •         |                    |           |                    |                     |                        | •                |                    |                          |          | •     |
| Lifeboat Associates Inc.                           | •                   | •                      |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Lifetree Software, Inc.                            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Link Systems                                       | •                   | •                      | •                     | •              | •         | •                 | •         | •                  | •         | •                  | •                   | •                      | •                | •                  | •                        | •        | •     |
| Link X, Inc.                                       |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| LINKWARE Corp.                                     | •                   |                        |                       |                | •         | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Linton Shafer & Co.                                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| List Processing Company, Inc.                      | •                   | •                      |                       |                | •         | •                 | •         |                    |           | •                  | •                   | •                      | •                | •                  | •                        | •        | •     |

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| COMPANY NAME                                     | INDUSTRY MARKETS    |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
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|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT |
| Little, Arthur D., Inc.                          | •                   |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Litton Computer Services                         | •                   |                        |                       |                | •         |                   |           |                    |           |                    |                     |                        | •                |
| Litton Computer Services                         | •                   | •                      | •                     |                |           | •                 |           |                    |           | •                  | •                   |                        | •                |
| Lockheed Dataplan Inc.                           |                     |                        |                       | •              |           |                   |           |                    |           |                    |                     | •                      | •                |
| Lockwood Association Inc, The                    | •                   |                        | •                     |                |           |                   |           |                    |           | •                  | •                   | •                      | •                |
| Logic Inc.                                       |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        | •                |
| Logical Data Management                          | •                   |                        |                       | •              |           | •                 |           |                    | •         | •                  | •                   |                        | •                |
| Logicon Inc.                                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     | •                      | •                |
| Logistics Systems                                |                     |                        |                       | •              |           |                   |           |                    |           |                    |                     |                        | •                |
| Lomas & Nettleton Information Systems, Inc.      |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Loris Data Associates Inc.                       | •                   |                        |                       | •              |           | •                 |           |                    |           |                    |                     | •                      | •                |
| Lotus Development Corporation                    | •                   |                        |                       |                |           | •                 |           |                    |           | •                  |                     |                        | •                |
| Loud Consulting Corporation, The                 |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        | •                |
| Louisiana Companies - Computer Services Division |                     |                        |                       | •              |           | •                 | •         |                    |           |                    |                     |                        | •                |
| Lowenthal Programming Corporation                |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        | •                |
| Lundy Electronic & Systems, Inc.                 | •                   | •                      |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Lupfer & Long, Inc.                              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Lynch Data Processing                            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| M/A-COM Sigma Data, Inc.                         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     | •                      | •                |
| MBS Software                                     | •                   |                        | •                     |                | •         |                   |           |                    |           | •                  | •                   | •                      | •                |
| MC Software, Inc.                                | •                   | •                      | •                     |                |           |                   |           |                    |           | •                  | •                   | •                      | •                |
| MCRB Service Bureau                              |                     |                        |                       |                |           |                   | •         |                    |           | •                  |                     | •                      | •                |
| MCT Information Systems, Inc.                    |                     |                        |                       |                |           |                   | •         | •                  | •         | •                  |                     |                        | •                |
| MD-Dexel Systems Corp.                           |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| MDC Systems Corp.                                | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      | •                |
| MDS Lawtime                                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| MDS Soft Pro System                              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| MDS, Inc.  |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| MHT Services Inc.                                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| MIPS Software Development Inc.                   |                     | •                      | •                     | •              | •         |                   | •         | •                  | •         |                    |                     | •                      | •                |
| MIS Associates                                   | •                   |                        |                       |                |           |                   |           |                    | •         | •                  |                     |                        | •                |
| MIS, Inc.  | •                   |                        |                       |                | •         |                   | •         | •                  | •         | •                  |                     |                        | •                |
| MJK Associates                                   |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| MNC International, Inc. Micro Network Division   | •                   |                        |                       | •              |           | •                 |           |                    |           | •                  |                     |                        | •                |
| MPSI Systems Inc.                                |                     |                        | •                     |                |           | •                 |           |                    |           | •                  | •                   | •                      | •                |
| MRM, Inc.  | •                   | •                      | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| MTech  |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| MVSE Software                                    |                     |                        |                       |                |           |                   |           |                    | •         | •                  | •                   | •                      | •                |

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| COMPANY<br>NAME                                     | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
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|   | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT |
| MacDonald Computer Systems                          |                     |                        |                       |                |           |                   |           | •                  |           | •                  |                     |                        |                  | •                  |
| MacNeal-Schwendler Corporation                      | •                   | •                      | •                     |                |           |                   |           |                    | •         |                    |                     | •                      |                  | •                  |
| Macro Corporation                                   | •                   |                        | •                     |                | •         |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Madie Corporation                                   | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Magnum Communications, Ltd. 320 Interstate N. Pkwy. |                     |                        |                       |                |           | •                 |           |                    |           | •                  | •                   |                        |                  | •                  |
| Mainstem Corporation                                |                     |                        |                       | •              | •         |                   |           |                    |           |                    |                     |                        | •                | •                  |
| Mamaba Inc.   | •                   | •                      | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Management & Computer Services Inc.                 | •                   |                        |                       | •              | •         | •                 | •         | •                  |           | •                  |                     | •                      |                  | •                  |
| Management Computer Services, Inc.                  |                     |                        |                       |                |           |                   |           |                    |           |                    | •                   |                        |                  | •                  |
| Management Computer Controls, Inc.                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Management Consultant Resource Group                | •                   | •                      | •                     |                |           |                   |           | •                  |           | •                  |                     |                        |                  | •                  |
| Management Cybernetics International                |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  | •                  |
| Management Data Communications Corporation          | •                   |                        |                       |                |           |                   |           | •                  |           | •                  | •                   |                        |                  | •                  |
| Management Data Systems Inc.                        | •                   |                        | •                     |                |           | •                 |           | •                  |           |                    |                     |                        |                  | •                  |
| Management Decision Systems, Inc.                   | •                   |                        |                       |                |           | •                 | •         |                    |           | •                  |                     |                        |                  | •                  |
| Management Design Associates                        | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      |                  | •                  |
| Management Directions Inc.                          | •                   | •                      |                       |                |           |                   |           |                    |           | •                  | •                   |                        |                  | •                  |
| Management Information Systems Group, Inc. (MISG)   |                     |                        |                       |                |           |                   |           |                    |           |                    | •                   | •                      |                  | •                  |
| Management Science America, Inc.                    | •                   | •                      | •                     | •              |           | •                 | •         | •                  | •         | •                  | •                   | •                      | •                | •                  |
| Management Sciences, Inc.                           | •                   | •                      | •                     | •              | •         |                   |           |                    |           |                    |                     | •                      |                  | •                  |
| Management Systems Associates                       |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  | •                  |
| Management Systems Of Wausau, Inc.                  |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  | •                  |
| Management Techniques, Inc.                         | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  | •                  |
| Manager Software Products Inc.                      | •                   | •                      | •                     | •              | •         | •                 | •         | •                  | •         | •                  | •                   | •                      | •                | •                  |
| Mandalla Information Systems                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Mann Data Inc.                                      | •                   |                        |                       |                |           |                   |           |                    |           | •                  | •                   |                        |                  | •                  |
| Mann, Charles & Associates Micro Software Division  |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  | •                  |
| Mantissa Corporation                                | •                   |                        |                       |                | •         |                   |           |                    | •         |                    |                     |                        | •                | •                  |
| Manufacturing and Consulting Services Inc (MCS)     | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Manufacturing Data Systems, Inc.                    | •                   | •                      | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Manufacturing Education Services, Inc.              | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Manufacturing Management Systems, Inc.              | •                   | •                      | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Manufacturing Solutions & Systems Inc.              | •                   | •                      | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| MANUS Services Corporation                          | •                   | •                      |                       |                |           |                   |           |                    |           | •                  |                     | •                      | •                | •                  |
| Marathon Management Systems, Inc.                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| MARC Software International, Inc.                   | •                   |                        |                       | •              | •         |                   |           |                    | •         |                    |                     | •                      |                  | •                  |
| Marcam Data Systems Corporation                     | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |
| Marchbanks and Parker, Inc.                         |                     |                        |                       |                |           |                   |           |                    |           | •                  | •                   | •                      |                  | •                  |

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| COMPANY<br>NAME                                | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
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|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT |
| Marcoin Business Management Services, Corp     |                     |                        |                       |                |           |                   |           |                    |           | •                  | •                   |                        |                  |
| Mariposa Corporation                           | •                   |                        |                       |                |           | •                 |           |                    |           | •                  |                     |                        | •                |
| Maritime Computer Corporation                  | •                   |                        | •                     | •              |           | •                 |           |                    |           |                    |                     |                        |                  |
| Mark Williams Company                          | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  |
| Market Data Systems, Inc.                      | •                   |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        |                  |
| Marketing and Systems Development Corp., The   | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |
| Marshall and Stevens Incorporated              | •                   |                        |                       |                |           | •                 |           | •                  |           | •                  |                     |                        |                  |
| Marshall and Swift Publication Company         |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  |
| Martel Laboratories, Inc.                      |                     |                        |                       | •              | •         |                   |           |                    |           |                    |                     | •                      | •                |
| Martin and Stern Inc.                          | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     | •                      | •                |
| Martin Marietta Data Systems                   | •                   | •                      | •                     |                |           |                   |           | •                  |           | •                  |                     | •                      | •                |
| Master Data Center, Inc.                       | •                   |                        |                       |                |           |                   |           | •                  |           |                    |                     | •                      | •                |
| Master Information Systems                     |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     | •                      | •                |
| Mathematica, Inc.                              | •                   | •                      | •                     | •              | •         |                   | •         |                    | •         | •                  |                     |                        | •                |
| Mathematical Applications Group, Inc. (MAGI)   | •                   |                        |                       |                |           | •                 | •         |                    | •         | •                  |                     | •                      | •                |
| Matlen Silver Group Inc., The                  |                     |                        |                       | •              |           | •                 | •         |                    |           |                    |                     |                        | •                |
| Matrix Insurance Services Inc.                 |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        | •                |
| May & Speh Processing Center, Inc.             |                     | •                      | •                     |                |           | •                 | •         | •                  |           | •                  |                     |                        | •                |
| McCormack & Dodge Corporation                  | •                   | •                      | •                     | •              | •         | •                 | •         | •                  |           | •                  | •                   | •                      | •                |
| McCosker Corporation                           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| McCullough and Associates                      |                     | •                      | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| McDonald, Friedberg & Carr                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     | •                      | •                |
| McDonnell Douglas Automation Company           | •                   | •                      | •                     |                |           | •                 | •         |                    |           |                    |                     |                        | •                |
| McDonnell Douglas Physician Systems, Inc.      |                     |                        |                       |                |           |                   | •         | •                  | •         |                    |                     |                        |                  |
| McGraw-Hill Information Systems Company        |                     |                        |                       |                | •         |                   | •         | •                  | •         |                    |                     |                        | •                |
| McSpadden Associates, Inc.                     | •                   | •                      | •                     |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Mead Data Central                              |                     |                        |                       |                |           | •                 |           |                    | •         |                    |                     | •                      |                  |
| Med Logic Systems                              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Medical Data Control                           |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Medical Data Services                          |                     |                        |                       |                |           |                   | •         | •                  |           |                    |                     |                        | •                |
| Medical Datamation                             | •                   |                        |                       |                |           | •                 | •         | •                  |           |                    |                     | •                      | •                |
| Medical Engineering, Inc.                      |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Medical Information Technology Inc. (MEDITECH) | •                   |                        |                       |                |           |                   |           | •                  |           | •                  |                     |                        | •                |
| Medical Management Systems Inc.                |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Medicus Systems Corporation                    |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Medidata Inc.                                  |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Mediflex Systems Corporation                   |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Mellon Bank Datacenter                         |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |



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| COMPANY<br>NAME                                  | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
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|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
| Mellon Bank-Technology Products Department       |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Mentor Graphics Corp.                            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Menu, International Software DataBase            | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Meridian Systems Inc.                            | ●                   | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Metamorphics, Inc.                               |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Metasystems Inc.                                 | ●                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Metier Management Systems, Inc.                  | ●                   | ●                      | ●                     |                | ●         |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Metro Bank                                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Metro System, Inc.                               | ●                   |                        | ●                     | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Metrocom Inc.                                    |                     |                        | ●                     |                |           | ●                 |           | ●                  | ●         |                    |                     | ●                      |                  |                    |                          |          | ●     |
| Metromail Corporation                            | ●                   |                        | ●                     |                |           |                   | ●         |                    |           | ●                  |                     |                        |                  |                    | ●                        |          | ●     |
| Micor-Net, Inc.                                  |                     |                        |                       |                |           | ●                 |           | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Micro Business Software Inc. (MBSI)              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Micro Business Systems, Inc.                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Micro D, Inc.                                    |                     |                        |                       |                |           |                   |           |                    |           | ●                  | ●                   |                        |                  |                    |                          |          | ●     |
| Micro Data Base Systems, Inc. Inc.               |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Micro Five Corp.                                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Micro Focus Inc.                                 |                     | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Micro Macro Systems Inc.                         | ●                   | ●                      | ●                     |                |           | ●                 |           | ●                  |           | ●                  | ●                   |                        | ●                | ●                  | ●                        | ●        | ●     |
| Micro Solutions, Inc. (MSI)                      | ●                   | ●                      |                       |                |           |                   |           |                    |           | ●                  | ●                   | ●                      |                  |                    |                          | ●        | ●     |
| Micro Systems Software                           | ●                   | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Micro-Base Associates, Inc.                      | ●                   |                        |                       |                |           |                   |           |                    | ●         |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Micro-Tec, Inc.                                  |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Microcommet                                      |                     | ●                      | ●                     |                | ●         |                   |           |                    | ●         |                    |                     | ●                      |                  | ●                  |                          | ●        | ●     |
| Micromedex Incorporated                          |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| MicroPro International Corporation               | ●                   |                        |                       |                |           |                   |           |                    |           | ●                  |                     |                        |                  |                    |                          |          | ●     |
| Microsoft Corporation                            | ●                   | ●                      |                       |                |           |                   |           |                    |           | ●                  |                     |                        |                  |                    |                          |          | ●     |
| Mid-American Control Corporation                 | ●                   |                        | ●                     | ●              | ●         |                   | ●         |                    | ●         | ●                  | ●                   | ●                      | ●                | ●                  | ●                        | ●        | ●     |
| Midcom Corporation                               |                     |                        |                       |                |           |                   |           |                    |           | ●                  | ●                   |                        | ●                | ●                  |                          |          | ●     |
| Midwest Data Systems, Inc.                       |                     |                        |                       |                |           | ●                 |           |                    | ●         |                    | ●                   |                        |                  |                    |                          | ●        | ●     |
| Miller Computing Corp.                           |                     |                        |                       |                |           |                   |           |                    | ●         |                    |                     |                        |                  |                    |                          |          | ●     |
| Millerick & Associates Inc.                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Milton Allen & Associates, Inc.                  | ●                   | ●                      | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| MIMICS, Inc.                                     |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Mincron SBC Corporation                          | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Mini Data Systems                                |                     | ●                      |                       |                |           |                   |           |                    |           | ●                  |                     |                        |                  |                    |                          |          | ●     |
| Mini-Computer Business Applications, Inc. (MCBA) | ●                   | ●                      |                       |                |           |                   |           |                    |           | ●                  |                     | ●                      |                  |                    |                          |          | ●     |
| Mini-Computer Support Group                      | ●                   |                        |                       | ●              | ●         |                   | ●         | ●                  |           | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |



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|   | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT |
| Mini-Computer Systems, Inc.                 | •                   | •                      |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  |
| Mini-Systems Associates                     | •                   |                        |                       | •              | •         | •                 | •         | •                  |           | •                  |                     |                        | •                |
| Minicomputer Company of Maryland, Inc.      |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     | •                      |                  |
| Minimax Research Corp.                      |                     |                        |                       |                | •         | •                 |           |                    |           |                    |                     |                        |                  |
| Miningham & Oellerich, Inc.                 |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        | •                |
| Minitab, Inc.                               |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  |
| Misco                                       | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     |                        | •                |
| Mitchell Matics                             |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        | •                |
| Mitre Corporation                           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Mnemonics Incorporated                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Mobius Division                             | •                   |                        |                       |                | •         | •                 |           |                    | •         |                    |                     |                        | •                |
| Modern Computer Systems Corp                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| Modular Information Systems, Inc. (MIS)     |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Modulus Medical Data Systems Inc.           |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| Monchik-Weber Corporation                   |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Money Management Systems, Inc.              |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Montgomery Data Systems Inc.                | •                   |                        |                       | •              | •         |                   | •         | •                  |           | •                  |                     |                        | •                |
| Moore Data Management Systems               |                     |                        |                       |                |           | •                 | •         |                    |           | •                  |                     |                        | •                |
| Morino Associates Inc.                      | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     |                        | •                |
| Mountain Software Growers, Inc.             |                     |                        |                       | •              |           |                   |           |                    |           |                    |                     |                        | •                |
| Multinational Computer Models, Inc.         | •                   |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| Multiplications, Inc.                       |                     |                        |                       | •              |           | •                 |           |                    |           |                    |                     |                        | •                |
| Muse Software                               |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        | •                |
| Mylee Digital Sciences, Inc.                | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        | •                |
| NCA Corporation                             | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| NCR Data Services                           |                     |                        |                       |                |           | •                 |           |                    |           | •                  |                     |                        | •                |
| NDC Federal Systems, Inc.                   |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| National Bancard Corporation                |                     |                        |                       |                |           | •                 |           |                    |           | •                  |                     |                        | •                |
| National Check Records Corp.                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| National Computer Analysts, Inc.            |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |
| National Computer Systems, Inc.             |                     |                        |                       | •              | •         |                   |           | •                  | •         |                    |                     | •                      | •                |
| National Data Communications                |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                |
| National Data Corporation                   |                     |                        |                       | •              |           | •                 |           | •                  |           | •                  | •                   | •                      | •                |
| National Data Services, Inc.                | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |
| National Datacentre Corp.                   | •                   |                        |                       | •              | •         |                   | •         |                    | •         |                    |                     |                        | •                |
| National Decision Systems, Inc.             |                     |                        |                       |                |           |                   |           |                    |           |                    | •                   |                        | •                |
| National Economic Research Associates, Inc. |                     |                        |                       |                | •         |                   |           |                    |           |                    |                     |                        | •                |
| National Electronic Information Corporation |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        | •                |

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|   | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
| National Electronic Information Corp.               | ●                   |                        |                       |                |           |                   | ●         | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| National Evaluation Systems, Inc                    | ●                   | ●                      | ●                     |                | ●         |                   |           |                    | ●         |                    |                     |                        | ●                |                    | ●                        |          | ●     |
| National FSI, Inc.                                  |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| National Information Systems, Inc.                  | ●                   |                        |                       |                | ●         | ●                 |           |                    | ●         |                    |                     |                        | ●                |                    |                          |          | ●     |
| National Management Systems, Ltd.                   | ●                   |                        |                       |                | ●         | ●                 | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| National Planning Data Corporation                  |                     | ●                      | ●                     |                |           | ●                 | ●         | ●                  |           | ●                  |                     |                        | ●                |                    |                          |          | ●     |
| National Systems, Inc.                              | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  | ●                   | ●                      |                  | ●                  |                          | ●        | ●     |
| National Training Systems                           | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Nelson & Bauman, Inc.                               |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Neodata Services                                    |                     | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Neshaminy Valley Information Processing Inc. (NVIP) |                     |                        |                       |                | ●         |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Network Computing Corporation                       |                     |                        |                       |                | ●         |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Network Consultants, Inc.                           |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Network Data Processing Corporation                 |                     |                        |                       |                | ●         | ●                 | ●         |                    | ●         |                    |                     |                        | ●                |                    | ●                        |          | ●     |
| New England Management Services Inc                 | ●                   |                        | ●                     |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| New Systems, Inc.                                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| NewsNet, Inc.                                       | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  |           | ●                  | ●                   |                        | ●                |                    |                          | ●        | ●     |
| Nichols & Company Inc.                              | ●                   |                        |                       |                | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          |          | ●     |
| Nixdorf Computer Software Co.                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Nordata, Inc.                                       | ●                   |                        | ●                     | ●              |           | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          |          | ●     |
| North American Processing                           | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Northeast Data Systems Inc.                         | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  |           | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Northeastern Computer Service Inc.                  |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Northwest Analytical Inc.                           | ●                   | ●                      | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Northwest Keypunch, Inc.                            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Northwest Management Services, Inc.                 |                     |                        |                       |                |           | ●                 | ●         |                    |           |                    |                     |                        | ●                |                    |                          |          | ●     |
| Norwest Computer Services, Inc.                     |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Norwest Financial, Inc.                             |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Novva Computer System, Inc.                         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Numerax, Inc.                                       | ●                   | ●                      | ●                     | ●              |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Numeridex, Inc.                                     | ●                   | ●                      |                       |                |           |                   |           |                    | ●         |                    |                     |                        | ●                | ●                  | ●                        |          | ●     |
| NʏPLAN, Inc.  | ●                   |                        |                       |                | ●         | ●                 | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| OAO   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    | ●                        |          | ●     |
| Oasys, Inc. (Office Automation Systems)             | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Oatman Computer Services, Inc.                      | ●                   | ●                      |                       |                |           |                   |           |                    |           | ●                  |                     | ●                      | ●                |                    | ●                        | ●        | ●     |
| Occidental Computer Systems, Inc.                   |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Occupational Computing Company, Inc.                | ●                   | ●                      |                       |                |           |                   |           |                    |           | ●                  | ●                   | ●                      |                  |                    |                          | ●        | ●     |
| Occupational Health Services Inc.                   | ●                   | ●                      | ●                     | ●              | ●         |                   | ●         | ●                  | ●         |                    |                     |                        | ●                |                    |                          | ●        | ●     |

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| OCTO Limited                               |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Office Automation Resources Inc            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Office Services Inc. (OSI)                 | •                   |                        |                       | •              |           |                   |           | •                  | •         | •                  |                     |                        | •                |                    |
| Officesmiths, Inc.                         | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |
| Offshore Information Services, Inc.        | •                   |                        |                       | •              | •         | •                 | •         | •                  |           | •                  |                     |                        | •                |                    |
| Offutt Publishing                          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Ohio Valley Data Control, Inc.             |                     |                        |                       |                | •         | •                 |           |                    |           | •                  |                     |                        |                  |                    |
| Oil Data Processing Co.                    | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Olympic Systems Inc.                       | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  |                    |
| Omega Microware, Inc.                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     | •                      |                  |                    |
| OMNI Resources, Inc.                       |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |
| Omni-American                              |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  |                    |
| Omtool Corporation                         | •                   |                        |                       |                | •         |                   | •         | •                  |           |                    |                     |                        |                  |                    |
| On-Going Ideas                             |                     |                        |                       |                |           |                   |           |                    |           | •                  | •                   |                        |                  |                    |
| On-Line Accounting Systems Inc.            | •                   | •                      | •                     |                | •         |                   |           | •                  |           | •                  |                     | •                      |                  |                    |
| On-Line Business Systems Inc.              |                     |                        | •                     | •              | •         | •                 | •         | •                  | •         | •                  | •                   | •                      | •                |                    |
| On-Line Computer Systems, Inc.             |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                |                    |
| On-Line Software International, Inc.       | •                   | •                      |                       |                | •         |                   |           |                    |           |                    |                     |                        |                  |                    |
| Online Computer Library Center Inc. (OCLC) |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Open Systems, Inc.                         | •                   | •                      | •                     | •              | •         | •                 | •         | •                  |           | •                  |                     | •                      |                  |                    |
| OPOC Computing Inc.                        | •                   |                        | •                     | •              |           |                   |           |                    |           |                    |                     | •                      | •                |                    |
| Oracle Corporation                         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| ORBIS, Inc.                                | •                   |                        | •                     |                |           | •                 | •         | •                  |           | •                  |                     |                        |                  |                    |
| Oregon Software, Inc.                      | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      |                  |                    |
| Organization Change Corporation            | •                   | •                      | •                     | •              | •         | •                 | •         | •                  | •         | •                  | •                   | •                      | •                |                    |
| Oxford Software Corporation                | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      |                  |                    |
| P.A. Computers & Telecommunications        |                     |                        |                       | •              |           |                   |           |                    |           | •                  |                     |                        |                  |                    |
| P.C. Quote, Inc.                           |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |
| P-Stat, Inc.                               | •                   |                        |                       | •              | •         | •                 |           | •                  |           |                    |                     | •                      | •                |                    |
| PBS Computing                              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| PCS Data Processing Inc.                   | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     | •                      |                  |                    |
| PDA Incorporated                           | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      |                  |                    |
| PDPS Computer Services                     |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  |                    |
| PM Computer Services Company               | •                   | •                      | •                     |                |           |                   |           |                    |           | •                  | •                   | •                      | •                |                    |
| PRC Government Information Systems         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     | •                      |                  |                    |
| PRC Realty Systems                         |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |
| PSA, Inc.                                  | •                   | •                      |                       | •              |           |                   | •         |                    | •         | •                  |                     |                        |                  |                    |
| PSI Energy Software, Inc.                  | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |

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| COMPANY<br>NAME                     | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
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|                                     | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT |
| PSI-MED Corporation                 |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  |
| Pace Computer Systems               | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Pacesetter Systems, Inc.            |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        | ●                |
| Pacific Computer Systems            | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     | ●                      | ●                |
| Pacific Data Systems                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Pacific Sierra Research             | ●                   |                        |                       |                | ●         |                   |           | ●                  |           |                    |                     | ●                      | ●                |
| PAID Prescriptions, Inc.            |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        | ●                |
| Paladin Software Corp.              | ●                   |                        |                       | ●              | ●         |                   |           | ●                  | ●         | ●                  |                     |                        | ●                |
| PALLM, Inc.                         |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        | ●                |
| Pansophic Systems, Incorporated     | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    | ●                   | ●                      | ●                |
| PAR Technology Corporation          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Para Data, Inc.                     |                     |                        |                       |                |           |                   |           | ●                  | ●         | ●                  | ●                   | ●                      | ●                |
| Para Research                       | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     |                        | ●                |
| Parallax Systems, Inc.              | ●                   | ●                      | ●                     | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     | ●                      | ●                |
| Parke-Randall Management Co.        |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        | ●                |
| Parker Computer Systems             |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        | ●                |
| Pattern Systems Of NJ               | ●                   | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Patton Consultants, Inc.            | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     | ●                      | ●                |
| Pay-Fone Systems, Inc.              |                     |                        |                       |                |           |                   |           |                    |           | ●                  |                     |                        | ●                |
| Paychex, Inc.                       |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        | ●                |
| Payne, Bruce Consultants Inc.       | ●                   | ●                      |                       |                |           | ●                 | ●         |                    |           |                    |                     |                        | ●                |
| Paynter, E.F. & Associates, Inc.    |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Peachtree Software Inc.             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Pearl Data Systems                  |                     |                        |                       |                |           | ●                 |           | ●                  |           |                    |                     |                        | ●                |
| Pearlsoft Inc.                      | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |
| Pegasus Systems, Incorporated       |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        | ●                |
| Pennington Systems Incorporated     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Penta Systems International, Inc.   | ●                   | ●                      | ●                     |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Pentamation Enterprises Inc.        |                     |                        |                       |                |           |                   |           | ●                  | ●         |                    |                     |                        | ●                |
| Perception Technology Corp.         | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    | ●                   |                        | ●                |
| Perfect Software, Inc.              | ●                   |                        |                       |                |           | ●                 | ●         | ●                  | ●         |                    |                     |                        | ●                |
| Performance Development Corporation | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     | ●                      | ●                |
| Performance Systems, Inc.           | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     | ●                      | ●                |
| Personal Computer Management Corp.  |                     |                        |                       |                |           |                   |           |                    | ●         | ●                  | ●                   |                        | ●                |
| Personnel Data Systems, Inc.        | ●                   |                        |                       |                |           | ●                 |           | ●                  | ●         |                    |                     |                        | ●                |
| Personnelmetrics, Inc.              |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        | ●                |
| Petroleum Information Corporation   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |
| Petroleum Software Systems, Inc.    |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |

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| COMPANY<br>NAME                       | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
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|                                       | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
| Petroleum Software, Inc.              | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Pharmaceutical Card Systems, Inc.     |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Pharmacon                             |                     |                        |                       |                |           |                   |           | ●                  |           | ●                  |                     |                        |                  |                    |                          |          | ●     |
| Phoenix Data Processing               |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Phoenix Systems, Inc.                 | ●                   |                        |                       |                |           |                   |           |                    |           | ●                  | ●                   |                        |                  |                    |                          |          | ●     |
| Physicians Practice Management, Inc.  |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Pilot Executive Software              |                     |                        |                       |                |           |                   | ●         | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Pinkerton Computer Consultants        |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        | ●                |                    |                          |          | ●     |
| Pioneer Software, Inc.                | ●                   | ●                      | ●                     |                |           |                   |           |                    |           | ●                  |                     | ●                      |                  |                    |                          |          | ●     |
| Planmetrics Inc.                      |                     |                        |                       |                | ●         |                   |           | ●                  |           | ●                  |                     |                        |                  |                    |                          |          | ●     |
| Planning Research Corporation         | ●                   |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        |                  | ●                  | ●                        | ●        | ●     |
| Plansmith Corporation                 |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Players Computer Inc.                 | ●                   |                        |                       |                |           |                   |           |                    |           | ●                  |                     | ●                      |                  |                    | ●                        |          | ●     |
| Police Data Systems                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |                    | ●                        |          | ●     |
| Policy Management Systems (PMS)       |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Poorman-Douglas Corporation           |                     |                        |                       |                |           |                   | ●         | ●                  |           | ●                  |                     |                        |                  |                    |                          |          | ●     |
| Power Base Systems                    |                     |                        |                       |                | ●         | ●                 | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Practical Business Systems, Inc.      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Precision Visuals, Inc.               | ●                   | ●                      | ●                     | ●              | ●         | ●                 |           | ●                  | ●         |                    |                     |                        | ●                | ●                  |                          |          | ●     |
| Price Waterhouse & Co.                | ●                   |                        |                       | ●              | ●         | ●                 | ●         |                    |           | ●                  |                     |                        |                  |                    |                          | ●        | ●     |
| Primavera Systems Inc.                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Processing Management Systems (PMS)   |                     |                        |                       |                |           |                   | ●         |                    | ●         | ●                  |                     |                        |                  |                    |                          | ●        | ●     |
| Prodigy Systems, Inc.                 | ●                   |                        |                       |                | ●         | ●                 |           | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Product Group, Inc.                   |                     | ●                      |                       |                |           |                   |           |                    |           |                    |                     | ●                      |                  |                    |                          |          | ●     |
| Productive Computer Systems           | ●                   | ●                      |                       |                |           |                   |           |                    |           | ●                  | ●                   |                        |                  |                    |                          |          | ●     |
| Professional Business Industries Inc  | ●                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Professional Business Software        |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Professional Computer Resources, Inc. | ●                   | ●                      | ●                     |                |           |                   |           |                    |           | ●                  | ●                   | ●                      |                  |                    |                          |          | ●     |
| Professional Data Corp.               |                     | ●                      | ●                     | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Professional Data Systems             |                     |                        |                       |                |           |                   |           | ●                  | ●         |                    |                     |                        |                  |                    |                          |          | ●     |
| Professional Geophysics Inc.          | ●                   |                        | ●                     |                |           |                   |           | ●                  | ●         |                    |                     |                        |                  |                    |                          |          | ●     |
| Professional Processing, Inc.         | ●                   |                        |                       |                |           |                   |           |                    |           | ●                  | ●                   |                        |                  |                    |                          | ●        | ●     |
| Professional Software Solutions, Inc. |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        | ●                | ●                  |                          | ●        | ●     |
| Profimatics Inc.                      |                     |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Profit Control Systems                | ●                   | ●                      | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Profitool, Inc.                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Program Design Inc.                   |                     |                        |                       |                |           |                   |           |                    | ●         |                    | ●                   |                        |                  |                    |                          |          | ●     |
| Program Systems, Inc.                 |                     |                        |                       |                |           |                   |           |                    |           | ●                  | ●                   | ●                      |                  |                    |                          | ●        | ●     |

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|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
| Programmed Systems Inc.                  |                     |                        |                       | •              |           |                   |           |                    |           | •                  |                     |                        |                  |                    |                          | •        | •     |
| Programs & Analysis, Inc.                |                     |                        |                       |                |           | •                 | •         | •                  | •         |                    |                     |                        |                  |                    |                          | •        | •     |
| Project Software & Development, Inc.     |                     | •                      | •                     |                | •         |                   |           |                    |           |                    |                     |                        |                  | •                  | •                        |          | •     |
| Proprietary Computer Systems, Inc.       |                     |                        | •                     | •              |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Proprietary Software Systems, Inc.       | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |                    |                          |          | •     |
| Pryor Corporation                        | •                   | •                      | •                     |                |           |                   | •         |                    |           | •                  | •                   | •                      |                  |                    |                          |          | •     |
| Psych Systems, Inc.                      |                     |                        |                       |                |           |                   |           | •                  | •         |                    |                     |                        |                  |                    |                          | •        | •     |
| Pulsar Systems, Inc.                     | •                   | •                      | •                     |                |           | •                 |           |                    | •         | •                  |                     | •                      | •                | •                  | •                        | •        | •     |
| Q.S., Incorporated                       |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                | •                  | •                        |          | •     |
| Quadra Systems                           | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        |                  | •                  |                          |          | •     |
| Quadrex Corporation                      | •                   |                        |                       | •              | •         |                   |           |                    |           |                    |                     |                        | •                | •                  |                          |          | •     |
| Quadsoft, Inc.                           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Quadstar Corporation                     |                     |                        |                       |                |           | •                 |           |                    |           | •                  | •                   |                        |                  |                    |                          |          | •     |
| Qualtek Systems Laboratory, Inc.         | •                   |                        |                       | •              |           |                   |           | •                  |           |                    |                     | •                      |                  |                    |                          |          | •     |
| Quanteckna Research Corp.                | •                   |                        |                       |                | •         | •                 | •         | •                  |           | •                  |                     |                        | •                |                    |                          |          | •     |
| Quantitative Software Management, Inc.   | •                   |                        |                       | •              | •         | •                 | •         |                    |           |                    |                     | •                      | •                |                    |                          |          | •     |
| Quarterdeck Software                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Quest, Inc.                              | •                   | •                      |                       |                |           |                   |           | •                  |           | •                  |                     | •                      | •                | •                  |                          | •        | •     |
| Quic-N-Easi Products, Inc.               | •                   |                        |                       | •              |           |                   | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Quick-Tax Ltd.                           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Quotron Systems Inc.                     |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| R.A.I.R.                                 | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| RDW Systems, Inc.                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |                    |                          |          | •     |
| RLG Corporation                          |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        | •                | •                  |                          |          | •     |
| RMC Research                             |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        | •                |                    |                          |          | •     |
| ROH                                      | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| ROI Consulting Inc.                      | •                   |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| RWB Associates                           | •                   |                        |                       | •              |           |                   | •         | •                  |           |                    | •                   | •                      |                  |                    |                          | •        | •     |
| Racal-Redac, Inc.                        |                     | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Rand Information Systems, Inc.           | •                   | •                      | •                     |                |           |                   | •         |                    |           |                    |                     |                        |                  | •                  |                          |          | •     |
| Rand Systems Corp.                       | •                   | •                      | •                     |                |           |                   |           |                    |           | •                  | •                   | •                      |                  |                    |                          |          | •     |
| Rand Travel Agency Services              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Randolph Technical Services, Inc.        | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        |                  |                    |                          | •        | •     |
| Rans Micro Systems, Inc.                 | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Rath & Strong, Inc. Products, Inc.       | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Raven Systems and Research, Inc.         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                | •                  |                          |          | •     |
| Real Estate Data                         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Real Estate Information Tracking Systems |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |



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| COMPANY<br>NAME                               | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
|---|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|--------------------|--------------------------|----------|-------|
|   | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
| Reality Software Company                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Realtron Corporation                          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| REAP Inc.                                     |                     |                        |                       |                |           |                   |           |                    |           |                    | ●                   |                        |                  |                    |                          |          | ●     |
| Redshaw, Inc.                                 |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Rehab Group, Inc.                             | ●                   | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                | ●                  |                          | ●        | ●     |
| Relational Database Systems, Inc              | ●                   | ●                      |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Relational Technology Inc.                    | ●                   | ●                      | ●                     |                |           |                   |           |                    | ●         |                    |                     |                        |                  | ●                  | ●                        |          | ●     |
| Republic Management Systems                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                | ●                  |                          |          | ●     |
| Republic Service Bureau Inc.                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                | ●                  |                          |          | ●     |
| Republic Technology Corp. Systems Division    | ●                   |                        | ●                     |                | ●         |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Resource Information Management Systems, Inc. |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Response of Hawaii, Inc.                      |                     |                        |                       |                |           | ●                 | ●         |                    | ●         |                    |                     |                        |                  |                    |                          |          | ●     |
| Reuters North America                         | ●                   |                        |                       | ●              | ●         | ●                 | ●         |                    |           | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Reveal Software, Inc.                         |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Revere Technology                             | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Reynolds & Reynolds Company, The              |                     |                        |                       |                |           |                   | ●         | ●                  |           | ●                  | ●                   |                        |                  |                    |                          | ●        | ●     |
| Rhintek, Inc.                                 |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        | ●                |                    |                          |          | ●     |
| Roanco Associates                             |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Roshell Ivri Software Company                 |                     |                        |                       |                |           | ●                 | ●         |                    |           | ●                  |                     | ●                      |                  |                    |                          |          | ●     |
| Ross Systems, Inc.                            | ●                   | ●                      | ●                     |                |           | ●                 | ●         | ●                  |           | ●                  |                     |                        |                  |                    |                          |          | ●     |
| Rothenberg Information Systems Inc.           | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Rubel Software                                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Ryan-McFarland Corp.                          | ●                   |                        |                       |                |           |                   |           |                    |           | ●                  | ●                   |                        |                  |                    |                          |          | ●     |
| S & H Computer Systems                        | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| S-Cubed                                       | ●                   |                        |                       |                |           |                   |           | ●                  |           | ●                  |                     |                        | ●                |                    |                          |          | ●     |
| SAS Institute, Inc.                           | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         |                    |                     |                        | ●                |                    |                          | ●        | ●     |
| SBD Computer Services                         | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| SCA Products & Services                       | ●                   |                        |                       |                |           | ●                 |           | ●                  |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| SD Transport Services, Inc.                   |                     |                        |                       | ●              |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| SDI   | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| SDK Medical Computer Services Corporation     |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| SEI Corporation                               |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| SEI Information Technology                    | ●                   | ●                      | ●                     |                |           | ●                 |           |                    |           |                    |                     |                        | ●                | ●                  |                          | ●        | ●     |
| SJV Data Service Inc.                         | ●                   |                        | ●                     |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| SKK, Inc.                                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| SMC Software Systems                          | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        |                  | ●                  | ●                        |          | ●     |
| SRS Programming Reserve Inc.                  | ●                   |                        |                       |                |           | ●                 |           | ●                  |           |                    |                     |                        | ●                |                    |                          |          | ●     |
| STS, Inc.                                     | ●                   |                        |                       | ●              |           | ●                 | ●         |                    |           | ●                  |                     | ●                      |                  |                    |                          |          | ●     |



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| COMPANY<br>NAME                            | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
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| STSC, Inc.                                 | ●                   | ●                      | ●                     | ●              |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Sachs/Freeman Associates Inc.              | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| SAFECO Title Insurance                     |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Safeguard Business Systems, Inc.           | ●                   |                        |                       |                |           |                   |           | ●                  |           | ●                  |                     |                        |                  |                    |                          | ●        | ●     |
| Safeguard Scientifics, Inc.                |                     |                        |                       |                |           | ●                 |           |                    |           | ●                  | ●                   | ●                      |                  |                    |                          |          | ●     |
| Sage Data Inc.                             | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Sage Systems Inc.                          | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| San Francisco Systems, Inc.                | ●                   |                        |                       | ●              |           | ●                 |           |                    | ●         | ●                  |                     | ●                      | ●                | ●                  |                          |          | ●     |
| Sarig Business Systems, Inc.               | ●                   | ●                      |                       |                |           |                   |           | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Sat Com Inc.                               | ●                   |                        |                       |                |           |                   |           |                    |           | ●                  |                     |                        |                  |                    |                          |          | ●     |
| SATCOM (Satellite Computing, Inc.)         | ●                   | ●                      | ●                     |                |           |                   |           |                    | ●         | ●                  |                     | ●                      |                  |                    |                          |          | ●     |
| Satellite Software International(SSI)      | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          |          | ●     |
| Saztec                                     | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  |           |                    |                     |                        | ●                |                    |                          |          | ●     |
| Scheduling Corporation of America          | ●                   | ●                      | ●                     |                |           | ●                 | ●         | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Schulstad, Myers & Associates Inc          |                     |                        |                       |                | ●         |                   |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Science Applications, Inc.                 | ●                   | ●                      | ●                     |                | ●         |                   |           |                    |           |                    |                     |                        |                  | ●                  |                          |          | ●     |
| Science Management Corporation             | ●                   |                        |                       | ●              |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |                          |          | ●     |
| Scientific Calculations                    | ●                   | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Scientific Computers Inc.                  | ●                   |                        |                       |                |           |                   | ●         |                    |           | ●                  |                     |                        |                  |                    |                          | ●        | ●     |
| Scientific Information Retrieval, Inc.     | ●                   | ●                      | ●                     |                |           | ●                 |           | ●                  | ●         |                    |                     |                        | ●                | ●                  | ●                        | ●        | ●     |
| Scientific Software-Intercomp              | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Scribe Data Systems                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Scripps Data Systems Inc.                  | ●                   |                        | ●                     |                | ●         |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Securities Data Company, Inc.              |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |
| Securities Industry Automation Corporation |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Sedalia Computer Services, Inc.            |                     |                        | ●                     |                |           | ●                 |           | ●                  | ●         | ●                  |                     |                        |                  | ●                  | ●                        | ●        | ●     |
| Sedlak, J.P. Associates                    |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Seis Pros, Inc.                            | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Seiscom Delta, Inc.                        | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Seismic & Digital Concepts, Inc.           | ●                   | ●                      | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Seismic International Research Corp        | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Seismic Processors, Inc.                   | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Seismograph Service Corp.                  | ●                   |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Sentinel Computer                          |                     |                        |                       |                |           |                   |           |                    |           | ●                  |                     |                        |                  |                    |                          |          | ●     |
| Sentry Data Inc.                           |                     |                        |                       |                |           | ●                 |           | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |
| Sercon Corporation                         |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |
| SERENA Consulting                          | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |
| Service Software Inc.                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |

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| COMPANY<br>NAME                            | INDUSTRY<br>MARKETS |  |  |  |  |  |  |  |  |  |  |  |  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
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|  |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Shaes & Co.                                |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Shaker Computer and Management Services    |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Shales & Young Information Systems, Inc    |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Shared Financial Systems                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Shared Medical Systems Corporation         |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Sharp, I.P. Associates                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Shaw Data Services, Inc.                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Shirley Software Systems                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Shriver, R., Associates                    |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Sierra On-Line, Inc.                       |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Sigma Software Inc.                        |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Signal Technology, Inc.                    |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Simcon Inc.                                |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| SIMPLAN Systems Inc (SSI)                  |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Simple Soft Inc.                           |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Sirco Enterprises, Inc.                    |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Small Business Data Processing Corporation |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Small Business Management Systems Inc      |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Small Business Systems Group               |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Smart Communications Inc.                  |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Smart, Inc.                                |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| SMITES Group                               |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Smith, A.O. Data Systems Division          |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Smith, Dennis & Gaylord                    |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Smyth Business Systems                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Soft Pro Systems                           |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Softech Microsystems Inc.                  |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| SofTech, Inc.                              |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Softlink                                   |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Softmatics Corporation                     |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Softsel Computer Products, Inc.            |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Software AG of North America, Inc.         |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Software Alliance                          |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Software Alternatives                      |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Software Arts Inc.                         |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Software Authority, The                    |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Software Clearing House, The               |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
| Software Connections, Inc.                 |                     |  |  |  |  |  |  |  |  |  |  |  |  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |

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| COMPANY NAME                                       | INDUSTRY MARKETS    |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
|--|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|--------------------|
|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT |
| Software Design Associates, Inc.                   | ●                   |                        |                       | ●              | ●         |                   | ●         | ●                  | ●         |                    |                     |                        | ●                |                    |
| Software Development & Maintenance Int'l. Inc.     |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  | ●                  |
| Software Maintenance and Development Systems, Inc. | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     | ●                      |                  | ●                  |
| Software Publishing Corporation                    | ●                   |                        |                       |                |           |                   |           |                    |           | ●                  | ●                   |                        |                  |                    |
| Software Research Associates                       | ●                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |                    |
| Software Research Corp.                            |                     | ●                      |                       |                | ●         | ●                 | ●         | ●                  |           | ●                  | ●                   |                        |                  |                    |
| Software Services Of America Inc.                  |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  | ●                  |
| Software Shop Systems, Inc.                        |                     | ●                      |                       |                |           |                   |           |                    |           | ●                  |                     |                        |                  | ●                  |
| Software Solutions Inc.                            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                | ●                  |
| Software Systems Associates                        | ●                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                | ●                  |
| Software Systems Inc.                              | ●                   | ●                      | ●                     |                |           |                   |           | ●                  | ●         | ●                  | ●                   | ●                      | ●                | ●                  |
| Software Systems Inc.                              |                     |                        |                       |                |           |                   |           | ●                  |           |                    |                     |                        | ●                | ●                  |
| Solid Software Inc.                                | ●                   |                        |                       |                |           |                   | ●         | ●                  |           |                    |                     |                        |                  | ●                  |
| Solosystems Inc.                                   | ●                   |                        |                       | ●              | ●         | ●                 |           |                    |           |                    |                     | ●                      |                  | ●                  |
| Solution Systems, Inc.                             | ●                   | ●                      |                       |                |           |                   |           | ●                  |           | ●                  | ●                   | ●                      |                  | ●                  |
| Sophisticated Data Research, Inc.                  | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  |           |                    |                     | ●                      |                  | ●                  |
| Sorcim/IUS   |                     |                        |                       |                |           |                   |           |                    |           | ●                  | ●                   |                        |                  | ●                  |
| Sorites, Inc.                                      | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                | ●                  |
| SOTA Computer Systems                              | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     | ●                      |                  | ●                  |
| Source Data, Inc.                                  |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     |                        |                  | ●                  |
| Source Telecomputing Corporation                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Source-2   |                     | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| South Hills Computer Center Inc.                   |                     | ●                      |                       |                |           | ●                 |           |                    |           |                    | ●                   |                        | ●                | ●                  |
| Southern Computer Systems, Inc.                    |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Southwest Modular Systems, Inc.                    |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| Space Age Computation Systems                      | ●                   | ●                      |                       |                |           |                   |           |                    |           | ●                  | ●                   | ●                      | ●                | ●                  |
| Spartacus Computers, Inc.                          | ●                   |                        |                       |                |           | ●                 | ●         |                    | ●         |                    |                     |                        | ●                | ●                  |
| Specialty Computer Services Inc.                   | ●                   |                        |                       |                |           |                   |           | ●                  |           | ●                  | ●                   | ●                      | ●                | ●                  |
| Spectrogram Corporation                            | ●                   | ●                      | ●                     |                |           |                   |           |                    |           |                    |                     |                        | ●                | ●                  |
| Spectron Corporation                               | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                | ●                  |
| Spectrum International, Inc.                       | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                | ●                  |
| Sperry Corporation Computer Systems                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                | ●                  |
| Spinnaker Software Corporation                     |                     |                        |                       |                |           |                   |           | ●                  | ●         |                    |                     |                        |                  | ●                  |
| Spring Rock Consultants, Inc.                      |                     |                        |                       | ●              |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |
| St. Joseph Systems                                 |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  | ●                  |
| Standard & Poor's Compustat Services, Inc.         |                     |                        |                       |                | ●         | ●                 | ●         |                    | ●         |                    |                     | ●                      |                  | ●                  |
| Star Inc.  |                     |                        |                       |                |           |                   |           |                    |           | ●                  |                     | ●                      |                  | ●                  |
| Star Software                                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | ●                  |

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| COMPANY<br>NAME                        | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
|--|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|--------------------|--------------------------|----------|-------|
|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |
| Star Value Software                    |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| STAT:TAB                               | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| State of the Art Inc.                  | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          |          | •     |
| State Space Systems Inc.               | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Statistical Graphics Corp.             | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Statistical Tabulating Corporation     | •                   |                        |                       | •              | •         |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Stauffer Development Corp.             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Sterling Software Marketing            | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        |                  |                    |                          | •        | •     |
| Sterling Software, Inc.                | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        |                  |                    |                          | •        | •     |
| Stockholder Systems, Inc.              |                     |                        |                       |                | •         |                   |           | •                  |           |                    |                     |                        |                  |                    |                          |          | •     |
| Stonehouse & Company                   |                     |                        |                       |                | •         | •                 |           |                    |           |                    |                     |                        | •                | •                  | •                        |          | •     |
| Strata Search Processing Co., Inc      | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Strategic Information                  | •                   |                        |                       |                |           | •                 |           |                    |           | •                  |                     |                        | •                |                    |                          |          | •     |
| Strategic System Solutions, Inc.       | •                   | •                      |                       |                |           |                   | •         | •                  | •         | •                  |                     |                        |                  |                    |                          |          | •     |
| Structural Members Users Group         |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  |                    |                          |          | •     |
| Structured Methods, Inc.               | •                   |                        |                       | •              |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Structured Systems Group, Inc.         | •                   | •                      | •                     |                |           | •                 | •         |                    |           | •                  | •                   | •                      |                  |                    |                          | •        | •     |
| Summagraphics Corporation              | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Sun Country Financial Corporation      |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| SunData Corporation                    |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Suntel Systems Corporation             |                     |                        |                       |                | •         |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Superdata, Inc.                        |                     |                        |                       |                | •         |                   |           |                    | •         |                    | •                   |                        |                  |                    |                          |          | •     |
| Superset, Inc.                         | •                   |                        |                       |                |           | •                 |           |                    | •         |                    |                     |                        | •                | •                  |                          |          | •     |
| Survey Tabulation Services Inc.        |                     | •                      |                       |                |           |                   |           |                    |           |                    |                     | •                      |                  |                    |                          |          | •     |
| Sydney Development Corporation         |                     |                        | •                     |                |           | •                 |           | •                  |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Symbolic Financial Systems Corporation |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Symbolics                              | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Synsort Inc.                           | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          |          | •     |
| Synercom Technology, Inc.              |                     |                        | •                     |                | •         |                   |           |                    |           |                    |                     |                        |                  | •                  | •                        | •        | •     |
| Synergy Systems, Inc.                  |                     |                        |                       |                | •         |                   |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Syntel                                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Syntelligence                          |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Syscom, Inc.                           |                     |                        | •                     | •              |           |                   |           | •                  |           | •                  |                     |                        |                  |                    |                          | •        | •     |
| SYSCON Corporation                     | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                | •                  |                          |          | •     |
| SYSGEN, Inc.                           | •                   | •                      |                       |                |           |                   | •         |                    |           | •                  | •                   | •                      |                  |                    | •                        |          | •     |
| Systech Inc.                           | •                   | •                      |                       |                |           | •                 |           | •                  |           | •                  |                     |                        |                  |                    |                          | •        | •     |
| System Automation Corporation          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                | •                  |                          |          | •     |
| System Communication Corp.             | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  |                    |                          |          | •     |

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| COMPANY<br>NAME                                     | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
|---|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|--------------------|--------------------------|----------|-------|
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| System Development Corporation                      |                     |                        |                       |                | •         |                   | •         |                    |           |                    |                     |                        | •                | •                  | •                        |          | •     |
| System Support Software, Inc.                       | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          |          | •     |
| System's Technology Automated Resources             |                     |                        |                       |                |           |                   |           | •                  | •         | •                  | •                   |                        |                  |                    |                          |          | •     |
| Systematics, Inc.                                   |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Systemation, Inc.                                   |                     | •                      |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        |                  |                    |                          | •        | •     |
| Systemhouse Ltd.                                    | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     |                        | •                |                    |                          | •        | •     |
| Systemhouse, Inc.                                   | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        | •                |                    |                          |          | •     |
| Systemp Of Florida, Inc.                            |                     |                        |                       |                | •         | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Systemp Of New Jersey, Inc.                         |                     |                        |                       |                | •         | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Systemp Of Texas, Inc.                              |                     |                        |                       |                | •         | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Systemp, Inc.                                       |                     |                        |                       |                | •         | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Systems & Computer Technology Corporation           |                     |                        |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  |                    | •                        |          | •     |
| Systems & Information Dynamics, Inc.                | •                   |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Systems and Applied Sciences Corporation            |                     |                        |                       | •              |           |                   |           |                    |           |                    |                     |                        | •                | •                  | •                        | •        | •     |
| Systems and Programming Resources Inc.              | •                   | •                      |                       | •              |           | •                 | •         | •                  |           | •                  | •                   |                        | •                | •                  | •                        | •        | •     |
| Systems Architects, Inc.                            | •                   |                        |                       | •              |           |                   |           |                    | •         |                    |                     |                        | •                | •                  | •                        | •        | •     |
| Systems Associates Inc. (SAI)                       |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        | •                | •                  | •                        |          | •     |
| Systems Center, Inc., The                           | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Systems Control, Inc.                               |                     |                        | •                     | •              | •         |                   |           |                    |           | •                  |                     |                        |                  | •                  | •                        |          | •     |
| Systems Coordination Inc.                           |                     |                        |                       |                | •         |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Systems Data Inc.                                   |                     |                        | •                     | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Systems Data Processing Corporation                 | •                   | •                      |                       |                |           |                   | •         | •                  |           | •                  | •                   | •                      | •                |                    | •                        | •        | •     |
| Systems Design & Development Corporation            |                     |                        |                       |                |           | •                 | •         |                    |           |                    | •                   |                        |                  |                    |                          |          | •     |
| Systems Designs                                     | •                   |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  |                    |                          |          | •     |
| Systems Engineering Computer Co.                    | •                   |                        | •                     |                | •         | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Systems Management Inc.                             | •                   |                        |                       | •              |           |                   | •         | •                  |           |                    | •                   | •                      |                  |                    | •                        |          | •     |
| Systems Network Inc.                                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Systems Plus Inc.                                   | •                   |                        |                       |                |           |                   |           |                    |           | •                  | •                   |                        |                  |                    |                          |          | •     |
| Systems Products International, Inc.                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Systems Specialists, The                            | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Systems Strategies, Inc.                            | •                   |                        |                       |                | •         | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Systonetics, Inc.                                   | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |                    |                          |          | •     |
| Systran Commercial Corp.                            |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  |                    |                          | •        | •     |
| Sytech Corporation                                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| T & B Computing Inc.                                |                     |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| T Systems   |                     |                        |                       | •              |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| T.C.S., Inc. (Transportation Concepts And Services) | •                   |                        |                       | •              |           |                   |           |                    |           | •                  | •                   | •                      |                  |                    |                          |          | •     |
| TCS Software Inc.                                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |

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| COMPANY<br>NAME                             | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |
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| TEC   | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| TKS Corporation                             |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  |                    |                          | •        | •     |
| TLS Company                                 |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| TMI Systems Corporation                     |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| TOM Software (The Office Manager, Inc.)     |                     |                        |                       |                |           |                   |           | •                  |           | •                  | •                   | •                      |                  |                    |                          | •        | •     |
| TRW Information Services                    |                     |                        |                       |                |           | •                 | •         | •                  |           | •                  | •                   |                        | •                | •                  | •                        | •        | •     |
| TRW Property Data Services                  |                     |                        |                       |                |           | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| TSR, Inc.                                   | •                   | •                      | •                     |                | •         | •                 | •         |                    |           |                    |                     |                        | •                |                    |                          |          | •     |
| Tabershaw Occupational Medicine Association | •                   |                        |                       | •              | •         | •                 |           | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Tag Inc.                                    |                     |                        | •                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Tailored Data, Inc.                         |                     |                        |                       |                |           |                   |           | •                  |           | •                  |                     |                        |                  |                    |                          |          | •     |
| Tandy Corporation                           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Techdyn Systems Corp.                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                | •                  |                          |          | •     |
| Technalysis Corporation                     | •                   |                        |                       | •              | •         | •                 | •         |                    | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Technical Analysis Corporation (TAC)        | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Technical Support Associates Inc.           |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  |                    |                          |          | •     |
| Technical Systems Consultants Inc. (TSC)    | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     | •                      | •                |                    |                          | •        | •     |
| Technicon Data Systems Corporation          |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  |                    |                          |          | •     |
| Technology And Information, Products        | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Technology Development of California        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | •                |                    |                          |          | •     |
| Tekkon Computer Services                    | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| Teknowledge Federal Systems Inc.            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  | •                  |                          |          | •     |
| Teknowledge, Inc.                           | •                   |                        |                       | •              | •         | •                 |           | •                  | •         | •                  |                     |                        | •                |                    |                          |          | •     |
| Tel-A-Data, Inc.                            |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     | •                      |                  |                    |                          |          | •     |
| Teldata Systems Corporation                 | •                   |                        |                       |                | •         |                   | •         | •                  |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Telecredit, Inc.                            |                     |                        |                       |                |           | •                 |           |                    |           | •                  | •                   | •                      |                  |                    |                          | •        | •     |
| Teledyne Exploration Company                | •                   |                        | •                     |                |           |                   |           |                    |           | •                  |                     |                        |                  |                    |                          |          | •     |
| Telerate, Inc.                              | •                   |                        |                       |                |           | •                 | •         |                    |           | •                  |                     |                        |                  |                    |                          | •        | •     |
| Telesis Systems Corporation                 | •                   | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Telesoft                                    |                     |                        |                       |                |           |                   |           |                    |           | •                  | •                   | •                      |                  |                    |                          |          | •     |
| Telic Services Corporation                  |                     |                        |                       |                | •         |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | •     |
| Telmar Group                                |                     |                        | •                     |                | •         |                   |           |                    |           |                    |                     |                        |                  |                    |                          | •        | •     |
| Telos Corporation                           | •                   | •                      | •                     |                |           | •                 | •         | •                  | •         |                    |                     |                        |                  | •                  |                          |          | •     |
| Temple, Barker & Sloane, Inc. (TBS)         | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |                    |                          | •        | •     |
| TERA Corporation                            | •                   | •                      | •                     |                | •         |                   |           |                    |           |                    |                     |                        |                  | •                  |                          |          | •     |
| Terminal Applications Group                 | •                   | •                      | •                     |                |           |                   |           |                    | •         | •                  | •                   | •                      |                  |                    |                          |          | •     |
| Terrano Corporation                         |                     |                        |                       |                |           |                   |           | •                  |           |                    |                     |                        |                  |                    |                          |          | •     |
| Tesseract Corporation                       | •                   |                        | •                     |                | •         | •                 | •         |                    |           |                    |                     |                        |                  |                    |                          |          | •     |



# CAMP INDUSTRY INDEX

| COMPANY<br>NAME                               | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
|---|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|--------------------|
|   | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT |
| Texas Direct, Inc. Inc.                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Texas Instruments Inc.                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| The Information Store, Inc.                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Theta Business Systems                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Thomas National Group, Inc., The              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Thomas-Laguban & Associates, Inc.             |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Three PM Inc.                                 |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Ticketron, Inc.                               |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| TIM-Formation, Inc.                           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Timberline Systems, Inc.                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Time-Sharing Systems Inc.                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Timeshare Associates                          |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Tiny Systems, Inc.                            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Tipnis Incorporated                           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Tominy, Inc.                                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Tone Software Corporation                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Total Environmental Systems Computer Division |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Touchette Corporation                         |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Tower Systems, Inc.                           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Trac Line Computer Corp.                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Traffic Data Systems, Inc. (TDS, Inc.)        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Trail Blazer Systems Inc.                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Trans Micro Systems Inc.                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Trans Union Corporation                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Trans Union Credit Information Co.            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Transcomm Data Systems, Inc.                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Transportation Data Management                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Transportation Management Services            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Tremco Consultants, Inc.                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| TRES Computer Systems, Inc.                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Triad Systems Corporation                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Triangle Software Company                     |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Tricad, Inc.                                  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| TronCorp                                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Tru-Check Computer Systems, Inc.              |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Turnkey Distribution Systems, Inc.            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Turnkey Information Processing Inc.           |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |
| Tylus Systems Inc.                            |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |



# CAMP INDUSTRY INDEX

| COMPANY<br>NAME  | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
|--|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|
|  | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT |
| Tymlabs Corporation                                    | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |
| Tymshare, Inc.   | •                   | •                      | •                     | •              | •         | •                 | •         | •                  | •         | •                  | •                   |                        | •                |
| U.S. Software  | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         | •                  |                     |                        | •                |
| UCCEL Corporation                                      | •                   |                        | •                     |                |           | •                 |           | •                  |           |                    |                     |                        |                  |
| UDP, Inc.  |                     |                        |                       | •              | •         |                   |           |                    |           |                    |                     |                        |                  |
| Ulrich, Walter E. Consulting                           | •                   |                        |                       | •              | •         | •                 |           | •                  |           |                    |                     |                        |                  |
| Ultimate Corp., The                                    | •                   |                        |                       |                |           |                   | •         |                    |           | •                  |                     |                        |                  |
| Ultradata Corporation                                  |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |
| UNI-COLL Corporation                                   | •                   |                        |                       | •              |           |                   |           |                    | •         |                    |                     |                        | •                |
| Unicalc Corporation                                    | •                   |                        | •                     | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      |                  |
| Unilogic, Ltd.   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| United Computer Service, Inc.                          |                     |                        |                       | •              | •         |                   |           |                    |           |                    |                     |                        |                  |
| United Education & Software Data Systems Group         |                     |                        |                       |                |           | •                 |           |                    | •         |                    |                     |                        |                  |
| United Information Services Inc                        |                     | •                      | •                     |                | •         |                   | •         |                    |           |                    |                     | •                      |                  |
| United Software Systems and Services Corporation (U3S) | •                   | •                      |                       |                | •         | •                 | •         | •                  | •         | •                  | •                   | •                      | •                |
| United Telecommunications, Inc.                        | •                   |                        |                       | •              |           |                   |           |                    |           |                    |                     |                        |                  |
| Univair Inc.   |                     |                        |                       |                |           |                   | •         | •                  |           |                    |                     |                        |                  |
| Universal Business Systems, Inc.                       |                     |                        |                       |                |           |                   |           |                    |           | •                  |                     |                        |                  |
| Universal Information Systems Inc.                     | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     |                        | •                |
| Universal Software, Inc.                               | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     |                        |                  |
| Universal Systems Of America, Inc.                     |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |
| University Computing Company                           | •                   | •                      | •                     |                | •         | •                 |           |                    | •         |                    |                     | •                      | •                |
| Urban Data Processing                                  |                     |                        |                       |                | •         | •                 | •         |                    |           | •                  |                     |                        |                  |
| Urban Decision Systems, Inc.                           |                     |                        |                       |                | •         | •                 |           | •                  | •         | •                  |                     |                        |                  |
| Users Incorporated                                     |                     |                        |                       |                |           | •                 |           |                    |           |                    |                     |                        |                  |
| Userware International                                 | •                   |                        |                       |                |           |                   |           |                    | •         | •                  |                     |                        |                  |
| Utility Computing Service, Inc.                        | •                   |                        |                       |                | •         |                   |           | •                  | •         |                    |                     | •                      | •                |
| Uveon Computer Systems, Inc.                           | •                   |                        | •                     | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      | •                |
| Visible Systems Corporation                            | •                   |                        |                       |                |           | •                 | •         |                    |           |                    |                     | •                      |                  |
| VLSI Technology, Inc.                                  |                     | •                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| VM Software, Inc.                                      |                     | •                      |                       |                |           |                   |           |                    | •         |                    |                     |                        |                  |
| VSE Corporation  |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Valid Logic Systems Inc.                               | •                   |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| Value Computing, Inc.                                  | •                   |                        |                       | •              | •         |                   | •         | •                  | •         |                    |                     | •                      | •                |
| Vantage Computer Systems, Inc.                         |                     |                        |                       |                |           |                   | •         |                    |           |                    |                     |                        |                  |
| Vector Systems, Inc.                                   |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |
| VenturCom Inc.   | •                   |                        | •                     |                |           |                   |           | •                  | •         |                    |                     |                        |                  |
| Vertex Systems Inc.                                    | •                   |                        |                       | •              | •         | •                 | •         | •                  | •         |                    |                     | •                      | •                |

# CAMP INDUSTRY INDEX

| COMPANY<br>NAME                             | INDUSTRY<br>MARKETS |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |  |
|---|---------------------|------------------------|-----------------------|----------------|-----------|-------------------|-----------|--------------------|-----------|--------------------|---------------------|------------------------|------------------|--------------------|--------------------------|----------|-------|--|
|   | TOTAL MANUFACTURING | DISCRETE MANUFACTURING | PROCESS MANUFACTURING | TRANSPORTATION | UTILITIES | BANKING & FINANCE | INSURANCE | MEDICAL & HOSPITAL | EDUCATION | TOTAL DISTRIBUTION | RETAIL DISTRIBUTION | WHOLESALE DISTRIBUTION | TOTAL GOVERNMENT | FEDERAL GOVERNMENT | STATE & LOCAL GOVERNMENT | SERVICES | OTHER |  |
| Vetrol Data Systems Inc.                    | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |  |
| Via Computer, Inc.                          | ●                   | ●                      |                       | ●              |           | ●                 | ●         | ●                  |           | ●                  | ●                   | ●                      | ●                | ●                  |                          | ●        | ●     |  |
| Vidmar, Stanley                             | ●                   | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          |       |  |
| Vining Sparks Securities, Inc.              |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |  |
| Visible Systems Corp.                       |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |  |
| Vision Technology Inc.                      |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        | ●                |                    | ●                        |          | ●     |  |
| Vista Computer, Inc.                        |                     | ●                      | ●                     |                |           |                   |           | ●                  |           | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |  |
| Vista Concepts, Inc.                        |                     |                        |                       |                | ●         | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |  |
| Vital Computer Services International, Inc. | ●                   |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        | ●                |                    |                          |          | ●     |  |
| Volt Delta Resources Inc.                   |                     |                        |                       |                | ●         |                   |           |                    |           |                    |                     |                        |                  | ●                  |                          |          | ●     |  |
| Wachovia Corporation, The                   |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |  |
| Wachovia Services Inc.                      |                     |                        |                       |                |           | ●                 |           |                    | ●         |                    |                     |                        |                  |                    |                          |          | ●     |  |
| Walker Interactive Products                 | ●                   | ●                      | ●                     | ●              | ●         | ●                 |           | ●                  |           | ●                  |                     |                        |                  |                    |                          | ●        | ●     |  |
| Walsh, Richard M., Associates Inc.          | ●                   |                        |                       |                |           |                   |           | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          |          | ●     |  |
| Warrington Associates, Inc.                 |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |  |
| Waters Business Systems, Inc.               | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |  |
| Weidenhammer Systems Corp.                  | ●                   | ●                      | ●                     |                |           |                   |           |                    | ●         | ●                  |                     |                        | ●                |                    | ●                        |          | ●     |  |
| Weidner Communications                      | ●                   | ●                      |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |  |
| West Florida Data Processing                |                     |                        |                       |                | ●         | ●                 |           |                    |           | ●                  |                     |                        |                  |                    |                          | ●        | ●     |  |
| Western Data Corporation                    |                     |                        |                       |                |           |                   |           |                    |           |                    | ●                   | ●                      |                  |                    |                          |          | ●     |  |
| Western Geophysical Company of America      |                     |                        | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |  |
| Western Union Corporation                   | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |  |
| Westinghouse Advanced Systems Technology    |                     |                        |                       | ●              |           |                   |           |                    |           |                    |                     |                        | ●                |                    |                          |          | ●     |  |
| Whelan Associates Inc.                      |                     |                        |                       |                |           |                   |           | ●                  |           | ●                  |                     |                        |                  |                    |                          |          | ●     |  |
| White Hat Systems, Inc.                     | ●                   | ●                      | ●                     |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |  |
| White, Bob, Computing and Software Inc.     |                     |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        | ●                |                    |                          |          | ●     |  |
| White, Robert F. and Company                | ●                   |                        |                       | ●              | ●         |                   |           |                    |           | ●                  |                     |                        |                  |                    |                          |          | ●     |  |
| Whiteside Associates, Inc.                  | ●                   |                        |                       |                |           | ●                 |           |                    |           |                    |                     |                        |                  |                    |                          |          | ●     |  |
| Whitesmiths, Ltd.                           | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |  |
| Wild Hare Computer Systems Inc              | ●                   |                        |                       |                |           |                   | ●         | ●                  |           |                    |                     |                        |                  |                    |                          |          | ●     |  |
| Wilson Systems Group                        |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    |                          | ●        | ●     |  |
| Winterhalter, Incorporated Inc.             | ●                   | ●                      |                       |                |           | ●                 |           |                    |           | ●                  |                     | ●                      |                  |                    |                          |          | ●     |  |
| Wisner Associates, Inc.                     |                     |                        |                       |                | ●         | ●                 | ●         |                    |           |                    |                     |                        | ●                |                    |                          | ●        | ●     |  |
| Wolf Data Services, Inc.                    |                     |                        |                       |                | ●         |                   |           |                    |           | ●                  | ●                   | ●                      |                  |                    |                          | ●        | ●     |  |
| Woodward, Ryan, Sharp and Davis             | ●                   |                        |                       | ●              | ●         | ●                 | ●         | ●                  | ●         | ●                  |                     |                        | ●                |                    |                          | ●        | ●     |  |
| Worlco Data Systems, Inc.                   |                     |                        |                       |                |           |                   | ●         |                    |           |                    |                     | ●                      |                  |                    |                          |          | ●     |  |
| World Wide Computer Services                |                     |                        |                       |                |           |                   |           |                    |           |                    |                     |                        |                  |                    | ●                        |          | ●     |  |
| Worldwide Chain Store Systems               |                     |                        |                       |                |           |                   |           |                    |           | ●                  | ●                   | ●                      |                  |                    |                          |          | ●     |  |

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# CAMP GEOGRAPHIC INDEX

| COMPANY NAME                                 | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |        |
|--|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|--------|
|  | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L | CANADA |
| A Supplementary DP Service, Inc.             | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |
| AAA Technology and Specialties Company       | ●                  |             |                 |                    |                    |                | ★                  |                    |          | ●       |             |        |
| ADP Telephone Computing Services             | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |        |
| AFI-Datatrol Division                        | ●                  | ★           |                 |                    |                    |                |                    |                    |          | ●       |             | ●      |
| AFS SunData                                  | ●                  |             |                 |                    | ●                  |                |                    | ●                  | ●        | ●       |             |        |
| AGS Computers Inc.                           | ●                  | ●           | ★               | ●                  | ●                  | ●              |                    | ●                  | ●        | ●       |             |        |
| AIS Corporation - Medical Management Systems | ●                  | ●           | ★               |                    |                    |                |                    |                    |          |         |             |        |
| APL Systems                                  | ●                  |             |                 |                    |                    |                |                    |                    | ★        |         | ●           | ●      |
| AR Mediquist                                 | ●                  | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      |
| ARC Automation Group Inc.                    | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ★                  | ●        | ●       | ●           | ●      |
| ARC Automation Services Inc.                 | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ★                  | ●        | ●       |             |        |
| ASA, Inc.                                    | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |
| ATAC   | ●                  |             |                 |                    | ●                  |                |                    |                    |          |         |             |        |
| ATE Associates Inc.                          | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |        |
| ATM/Network Management Corp                  | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |
| AVP Systems                                  | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |
| AW Computer Systems, Inc.                    | ●                  |             | ★               |                    |                    |                |                    |                    |          | ●       |             | ●      |
| Aardvark/McGraw-Hill                         | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |
| ABACUS Associates                            | ●                  |             |                 |                    |                    |                | ★                  |                    |          | ●       | ●           | ●      |
| Absolute Software                            | ●                  | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           | ●      |
| Academic Financial Services Association      | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |        |
| Access International, Inc.                   | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |
| Accountant's Microsystems, Inc.              | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |        |
| Accountants Processing Center                | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         |             |        |
| Accounting Corporation of America            | ●                  | ●           | ●               | ●                  | ●                  |                |                    |                    | ●        | ●       |             |        |
| Accounting Datamation Inc.                   | ●                  |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |        |
| AccTex Information Systems                   | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |        |
| Accurate Data Services Inc.                  | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |
| Accutab Data Processing Inc.                 | ●                  |             |                 | ★                  |                    |                |                    |                    | ●        |         |             |        |
| Ace Software Inc.                            | ●                  |             |                 | ●                  | ●                  |                |                    |                    |          |         |             |        |
| ACES Software                                | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         |             |        |
| Acorn Software Products Inc.                 | ●                  | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       | ●           | ●      |
| Action Data Services                         | ●                  | ●           | ●               | ●                  | ★                  | ●              | ●                  | ●                  | ●        | ●       |             |        |
| Actuarial Computer Technology Inc.           | ●                  | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       | ●           |        |
| ADAC Laboratories                            | ●                  |             |                 | ●                  | ●                  |                |                    |                    | ●        |         |             |        |
| Adelie Corporation                           | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |
| Admins, Inc.                                 | ●                  | ★           | ●               |                    | ●                  |                |                    |                    | ●        | ●       | ●           | ●      |

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# CAMP GEOGRAPHIC INDEX

| COMPANY<br>NAME                                | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| ADPAC Corporation                              | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Advance Data                                   | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Advanced Applications Inc.                     | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Advanced Computer Communications (ACC)         | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Advanced Computer Management Corporation       | ●                     |             |                 | ★                  |                    |                |                    |                    | ●        |         | ●           |
| Advanced Computer Techniques Corporation (ACT) | ●                     | ★           |                 |                    |                    | ●              |                    |                    | ●        |         |             |
| Advanced Data Group                            | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Advanced Data Institute America                | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Advanced Data Management                       | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Advanced Data Processing Inc.                  | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         | ●           |
| Advanced Data Systems, Inc.                    | ●                     |             |                 | ●                  |                    |                |                    |                    | ●        |         |             |
| ADvanced Data Systems, Inc.                    | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Advanced Legal Software                        | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Advanced Management Technologies               | ●                     |             |                 |                    |                    |                | ★                  |                    |          | ●       | ●           |
| Advanced Medical Systems                       | ●                     | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         |             |
| Advanced Software Products                     | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Advanced System Applications, Inc.             | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Advanced Systems, Incorporated                 | ●                     | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Advanced Technology Systems Inc. (Adtec)       | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Advantage Systems, Inc.                        | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Advcom   | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Advertising Data Systems, Inc.                 | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| ADVO Systems Inc.                              | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Adwest Corporation                             | ●                     | ●           |                 | ★                  |                    |                |                    |                    | ●        |         |             |
| Affiliated Concepts, Inc.                      | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Ag-Data Inc.                                   | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| AGENA Corporation                              | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Agro Systems Corporation                       | ●                     |             |                 | ●                  |                    |                | ●                  | ★                  | ●        |         | ●           |
| AKRA Data Corporation                          | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Alexander & Alexander, Inc.                    | ●                     | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Allied Data                                    | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       |             |
| Allied Information Systems Company             | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Alpha Beta Data Services, Inc.                 | ●                     |             | ●               |                    |                    |                |                    |                    | ●        |         |             |
| Alpha Microsystems                             | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Alpha Software                                 | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Alpha Systems, Inc.                            | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Alphatext                                      | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ★           |

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# CAMP GEOGRAPHIC INDEX

| COMPANY NAME                          | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|---------------------------------------|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|                                       | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Amcom Data Processing, Inc.           | ●                  |             |                 |                    |                    | ●              | *                  |                    |          | ●       |             |
| Ancor Computer Corporation            | ●                  | ●           |                 |                    |                    |                | *                  |                    |          | ●       |             |
| American Automated                    | ●                  |             |                 |                    |                    | *              |                    |                    |          |         |             |
| American Data Services, Inc.          | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| American Educational Computer Inc.    | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| American Franklin Company             | ●                  |             |                 | *                  |                    |                |                    |                    |          |         |             |
| American Information Services, Inc.   | ●                  |             |                 | *                  |                    |                |                    |                    |          |         |             |
| American Information Systems          | ●                  |             | *               |                    |                    |                |                    |                    |          |         |             |
| American Integrity System Inc.        | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| American Key punch & Systems          | ●                  | *           |                 |                    |                    |                |                    |                    |          |         |             |
| American Management Systems, Inc.     | ●                  |             | ●               | ●                  |                    | *              |                    | ●                  | ●        | ●       | ●           |
| American Software Corporation         | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| American Software, Inc.               | ●                  |             |                 |                    | *                  |                |                    |                    |          |         | ●           |
| Amherst Associates Inc.               | ●                  |             |                 | *                  |                    |                |                    |                    |          |         |             |
| Ampersand Corporation                 | ●                  |             |                 |                    |                    |                |                    |                    |          |         |             |
| Anacom, Inc.                          | ●                  |             |                 | *                  |                    |                |                    |                    |          |         | ●           |
| Analex Computing, Inc.                | ●                  |             |                 | *                  |                    |                |                    |                    |          |         |             |
| Analysis & Computer Systems, Inc.     | ●                  | *           | ●               |                    |                    | ●              |                    |                    |          |         |             |
| Analysis and Programming Corporation  | ●                  | *           |                 |                    |                    |                |                    |                    |          |         |             |
| Analysis and Technology, Inc.         | ●                  | *           |                 |                    |                    |                |                    |                    |          |         |             |
| Analysts International Corporation    | ●                  | ●           | ●               | ●                  | *                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Analytics Inc.                        | ●                  |             | *               |                    |                    |                |                    |                    |          |         |             |
| Anstat, Inc.                          | ●                  |             | *               |                    |                    |                |                    |                    |          |         |             |
| Apex Data Processing Inc.             | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Apex Data Systems                     | ●                  |             |                 |                    |                    |                |                    | *                  |          |         |             |
| Apparel Management Systems            | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | *        | ●       | ●           |
| Apple Computer                        | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Application Development Systems, Inc. | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Applications Software, Inc.           | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Applicon Inc.                         | ●                  | *           |                 |                    |                    |                |                    |                    |          | ●       |             |
| Applied Business Systems              | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Applied Business Systems, Inc.        | ●                  |             |                 | *                  |                    |                |                    |                    |          |         |             |
| Applied Business Technologies Inc.    | ●                  |             | *               |                    |                    |                |                    |                    |          |         |             |
| Applied Communications, Inc.          | ●                  |             |                 | *                  |                    |                |                    |                    |          | ●       | ●           |
| Applied Computer Associates, Inc.     | ●                  |             |                 |                    | *                  |                |                    |                    |          |         |             |
| Applied Computing Devices             | ●                  |             |                 |                    |                    | *              |                    |                    |          | ●       | *           |
| Applied Computing Technologies Inc.   | ●                  |             | ●               |                    |                    | *              | ●                  |                    |          |         |             |

★ = Headquarters

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| COMPANY<br>NAME  | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Applied Data Research, Inc.                              | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       |             |
| Applied Data Systems, Inc.                               | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |
| Applied Digital Data Systems, Inc.                       | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Applied Information Development (AID), Inc.              | ●                     | ●           | ★               | ●                  |                    |                |                    | ●                  | ●        |         | ●           |
| Applied Information Systems, Inc. (AIS)                  | ●                     | ●           |                 |                    | ★                  |                |                    |                    |          |         |             |
| Applied Intelligence Inc.                                | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Applied Management Sciences                              | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Applied Management Systems Inc.                          | ●                     |             |                 |                    | ●                  |                |                    |                    |          |         |             |
| Applied Research Inc.                                    | ●                     |             |                 |                    |                    |                |                    | ●                  | ●        |         |             |
| Arbitron   | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Arcola Software  | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Area Computer Services, Inc.                             | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Argo Data Resource Corporation                           | ●                     |             |                 |                    |                    |                | ★                  |                    |          | ●       | ●           |
| Argonaut Information Systems, Inc.                       | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Argos  | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Ark Data Systems, Inc.                                   |                       |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Arlington Software & Systems Corporation                 | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Arnoudse & Ouellette                                     | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Arrigoni Technology, Inc.                                | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Arthur Anderson & Company                                | ●                     | ●           | ●               | ●                  | ★                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Arthur Young & Co.                                       |                       |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Articulate Publications                                  | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         |             |
| Artificial Intelligence Corporation                      | ●                     | ★           | ●               |                    |                    | ●              |                    |                    |          |         |             |
| Artsci, Inc.   | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Ashton-Tate  | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Asist  | ●                     |             | ★               |                    |                    |                |                    |                    | ●        | ●       | ●           |
| ASK Computer Systems, Inc.                               | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Aspen Technology   | ●                     | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Associated Computer Management Specialists, Inc. (ACMSI) | ●                     |             | ★               |                    |                    |                |                    |                    | ●        |         | ●           |
| Associated Computer Services                             |                       |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Associated Credit Services, Inc.                         | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Associated Press   | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |             |
| Astradyne Computer Industries, Inc.                      | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Atlantic Data Services, Inc.                             | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Auragen Systems Corporation                              | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Autex Systems  |                       | ★           | ●               | ●                  |                    |                |                    |                    | ●        | ●       | ●           |
| Auto Tell Services, Inc.                                 | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |

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| COMPANY<br>NAME                              | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Auto-trol Technology Corporation             | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         | ●           |
| Autodesk, Inc.                               | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Automated Concepts, Inc.                     | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Automated Financial Systems Inc.             | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Automated Language Processing Systems (ALPS) | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Automated Management, Inc.                   | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |
| Automated Medical Billing Inc.               | ●                     | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Automated Quill Inc.                         | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Automated Science Group, Inc.                | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Automated Systems Consultants Inc. (ASCI)    | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Automatic Business Centers, Inc.             | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Automatic Data Processing Inc.               | ●                     | ●           | ★               | ●                  |                    |                |                    | ●                  |          | ●       | ●           |
| Autumn Software Corporation                  | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Auxton Computer Enterprises, Inc.            | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| AVANT-GARDE Computing, Inc.                  | ●                     |             | ★               | ●                  |                    | ●              |                    | ●                  |          | ●       | ●           |
| Avco Computer Services                       | ●                     | ★           |                 | ●                  |                    |                |                    |                    |          |         |             |
| Aviation Information Services Inc.           | ●                     |             |                 |                    |                    |                |                    | ★                  |          | ●       | ●           |
| Axios Group                                  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Axxess Information Systems, Inc.             | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Aya Associates Inc. (AAI)                    | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Ayers-Whitmore                               | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| Azrex, Inc.                                  | ●                     | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Aztech Corporation                           | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| B.K. Dynamics                                | ●                     |             |                 |                    |                    | ★              |                    |                    |          | ●       |             |
| BA Managistics                               | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| BBN Software Products Corporation            | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| BDM International, Inc.                      | ●                     |             |                 |                    |                    | ★              |                    |                    |          | ●       |             |
| BGS Systems, Inc.                            | ●                     | ★           | ●               |                    |                    | ●              |                    |                    |          | ●       |             |
| BIS, Inc.                                    | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |             |
| BMC Software Inc.                            | ●                     | ●           | ●               | ●                  | ●                  | ●              | ★                  | ●                  | ●        | ●       | ●           |
| BMS Computer Inc.                            | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| BOS National, Inc.                           | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| BPI Systems, Inc.                            | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| BRS  | ●                     |             | ★               | ●                  |                    | ●              |                    |                    |          | ●       |             |
| BRS Computing Inc.                           | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| BSA Turnkey Corporation                      | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Bakco Data Inc.                              | ●                     | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |

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| COMPANY<br>NAME                              | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC |
| Balance Computer Corporation                 | ●                     |             |                 |                    |                    | *              |                    |                    |          |         |
| Bancroft Computer Systems                    | ●                     |             |                 |                    |                    |                |                    |                    |          |         |
| Bankline, Inc.                               | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | *        | ●       |
| Bankmatic Systems, Inc.                      | ●                     |             |                 | ●                  |                    |                |                    | ●                  | ●        | ●       |
| Bankpro Systems                              | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       |
| Baron Data Systems                           | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |
| Barrister Information Systems Corporation    | ●                     |             | *               |                    |                    |                |                    |                    |          |         |
| Battelle Memorial Institute                  | ●                     |             |                 | *                  |                    |                |                    |                    |          |         |
| BayBanks Data Services, Inc.                 | ●                     | *           |                 |                    |                    |                |                    |                    |          |         |
| Beacon Data Processing                       | ●                     |             |                 | *                  |                    |                |                    |                    |          |         |
| Beck, Thomas Inc.                            | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |
| Benefacts Inc.                               | ●                     |             |                 |                    |                    | *              |                    |                    |          |         |
| Benetics Corporation                         | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       |
| Berman Associates Inc.                       | ●                     |             |                 |                    |                    | *              |                    |                    |          |         |
| Biblos Technology, Inc.                      | ●                     |             | *               |                    |                    |                |                    |                    |          |         |
| Black, David R & Associates, Inc             | ●                     |             | *               |                    |                    |                |                    |                    | ●        | ●       |
| Bloodstock Research, Inc.                    | ●                     |             |                 |                    | ●                  |                | *                  |                    |          | ●       |
| Boeing Computer Services Company             | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |
| Bolt Beranek and Newman, Inc.                | ●                     | *           |                 |                    |                    |                |                    |                    |          |         |
| Bonner & Moore Computing Company             | ●                     |             |                 |                    |                    |                | *                  |                    |          |         |
| Boole & Babbage, Inc.                        | ●                     |             | ●               |                    |                    |                |                    |                    | ●        | ●       |
| Booz Allen & Hamilton Inc.                   | ●                     |             | *               |                    |                    |                |                    |                    | ●        | ●       |
| Boston Financial Data Services, Incorporated | ●                     | *           |                 |                    |                    |                |                    |                    |          |         |
| Boston Systems Office (The), Inc.            | ●                     | *           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |
| Bowne Information Systems, Inc.              | ●                     |             | *               |                    |                    |                |                    |                    |          |         |
| Bradford Business Systems, Inc.              | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       |
| Bradford National Corporation                | ●                     | ●           | *               | ●                  | ●                  | ●              | ●                  |                    |          |         |
| Bradmark Computer Systems, Inc               | ●                     |             | *               |                    |                    |                |                    |                    |          | ●       |
| Brandon Consulting Group, Inc.               | ●                     |             | *               |                    |                    |                |                    |                    |          |         |
| Braut, Strauchman & Associates, Inc.         | ●                     |             |                 | *                  |                    |                |                    |                    |          |         |
| Breuer and Co.                               | ●                     | *           |                 |                    |                    |                |                    |                    |          | ●       |
| Bricmont & Associates, Inc.                  | ●                     | ●           | *               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         |
| Bristol Information Systems, Inc.            | ●                     | *           |                 |                    |                    |                |                    |                    |          | ●       |
| Broderbund Software Inc.                     | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       |
| Brokerage Software Systems, Inc.             | ●                     |             | *               |                    |                    |                |                    |                    |          |         |
| Brokerage Transaction Services Inc.          | ●                     | ●           | *               | ●                  | ●                  |                | ●                  | ●                  | ●        |         |
| Brown, Sanders & Associates, Inc.            | ●                     |             |                 |                    |                    | *              |                    |                    |          |         |

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# CAMP GEOGRAPHIC INDEX

| COMPANY<br>NAME                                  | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Bruning CAD                                      | ●                     |             |                 |                    |                    |                | ★                  |                    |          | ●       | ●           |
| Budget Computer Systems                          | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Budget Timeshare Inc                             | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Burlington Data Processing Inc.                  | ●                     | ★           | ●               |                    |                    |                |                    |                    |          |         |             |
| Burroughs Corporation                            | ●                     | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Bush, Lloyd and Associates                       | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| Business and Professional Software, Inc.         | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Business Application Systems, Inc. (BAS)         | ●                     |             |                 |                    |                    | ★              |                    |                    |          | ●       | ●           |
| Business Automation Inc.                         | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Business Computer Center                         | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Business Computer Design                         | ●                     |             |                 | ●                  | ●                  |                |                    |                    |          | ●       |             |
| Business Computer Solutions Inc.                 | ●                     |             |                 |                    |                    | ★              |                    |                    |          | ●       | ●           |
| Business Information Systems Inc.                | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Business Information Systems, Inc.               | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| Business Service Corporation                     | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         |             |
| Business Services - Global Systems Services 5010 | ●                     | ●           |                 |                    |                    |                |                    |                    |          | ●       |             |
| Bytel Corporation                                | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| C.A.C.I., Inc.                                   | ●                     |             |                 |                    |                    | ★              |                    |                    |          | ●       | ●           |
| CAE Systems, Inc.                                | ●                     | ●           | ●               |                    |                    |                | ●                  | ●                  | ●        | ●       |             |
| CCH Computax Systems, Inc.                       | ●                     |             |                 |                    |                    |                | ●                  | ●                  | ●        | ●       |             |
| CCH Computax, Inc.                               | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| CCX Network, Inc.                                | ●                     | ●           | ●               | ●                  | ●                  |                | ★                  |                    |          | ●       |             |
| CDP Marketing Information Corporation            | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| CDS Systems, Inc.                                | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| CFS, Inc.  | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| CGA Computer, Inc.                               | ●                     |             | ★               | ●                  | ●                  | ●              |                    | ●                  |          | ●       | ●           |
| CGG Data Processing Service Inc                  | ●                     |             |                 |                    |                    |                |                    |                    | ★        | ●       |             |
| CGX Corporation                                  | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       |             |
| CL Systems Inc.                                  | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       |             |
| CMA Micro Computer                               | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| CMC Associates Inc                               | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| CMC Software                                     | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| CPAids   | ●                     |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |
| CPS - Medical Billing Systems                    | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| CRC Information Systems Inc.                     | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| CRCIS Inc.                                       | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| CRI  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |

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| COMPANY NAME                                   | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| CSW, Inc.                                      | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| CTEC Inc.                                      | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| CUC Insurance Services                         | ●                  | ★           |                 |                    |                    | ★              | ●                  | ●                  | ●        | ●       | ●           |
| C3, Inc.                                       | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| C-S Computer Systems, Inc.                     | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Cable Data                                     | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Cablesare Inc.                                 | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| CADAM  | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| CADLINC Inc.                                   | ●                  |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |
| Cadnetix Corporation                           | ●                  |             |                 |                    |                    |                |                    |                    | ★        |         |             |
| Cado Systems of MD, Inc.                       | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| CADTRAK  | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Calculon Corporation                           | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| California Interactive Computing, Inc.         | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| California Minicomputer Systems Inc.           | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| California Software, Inc.                      | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Call Computer                                  | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Calma Company                                  | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Calspan Corporation Advanced Technology Center | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Caltec, Inc.                                   | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Cambar Business Systems Inc.                   | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Camex Systems                                  | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         | ●           |
| Canada Systems Group Limited                   | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ★           |
| Candle Corporation                             | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Canton Automated Systems, Inc.                 | ●                  |             |                 | ★                  | ●                  | ●              |                    |                    |          | ●       |             |
| CAP Gemini DASD, Inc.                          | ●                  |             | ★               | ★                  | ●                  | ●              |                    | ●                  | ●        |         |             |
| CAP-CPP Inc.                                   | ●                  | ●           | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| Capcom Systems, Inc.                           | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Cara Corporation                               | ●                  |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |
| CARDS Inc.                                     | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| Care Computer Systems                          | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Care Information Systems Inc                   | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Career Systems                                 | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| CareerSystem Inc.                              | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Carleton Corporation                           | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Carousel MicroTools                            | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Cash Management Systems, Inc.                  | ●                  | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |

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| COMPANY<br>NAME                          | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|--------|--------|-------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L | CANADA | EUROPE | OTHER |
| Catalactics SunData (CATCO)              | ●                     |             |                 | *                  |                    |                |                    |                    |          |         | ●           |        |        |       |
| Catalyst USA Inc.                        | ●                     |             |                 | *                  |                    |                |                    |                    |          |         |             |        |        |       |
| Cbord Group Inc. (The)                   | ●                     |             | *               |                    |                    |                |                    |                    |          |         | ●           | ●      |        |       |
| Cdex Corporation                         | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      | ●      | ●     |
| Centec Corporation                       | ●                     | ●           | ●               | ●                  | ●                  | *              | ●                  | ●                  | ●        | ●       |             |        |        |       |
| Centennial Computer Services Inc.        | ●                     |             |                 |                    |                    | *              |                    |                    |          |         |             |        |        |       |
| Centex                                   | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      | ●      | ●     |
| Central Credit                           | ●                     |             |                 |                    |                    | ●              |                    |                    | ●        |         | ●           |        | ●      | ●     |
| Central Systems Incorporated             | ●                     |             |                 |                    |                    |                |                    | *                  |          |         |             |        |        |       |
| Century Analysis Inc.                    | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Chain Store Systems Ltd                  | ●                     |             |                 | *                  |                    |                |                    |                    |          |         | ●           |        |        |       |
| Champion Service Corporation             | ●                     |             |                 | *                  |                    |                |                    |                    |          |         |             |        |        |       |
| Chancellor Computer Corp.                | ●                     |             |                 |                    |                    |                |                    |                    |          | *       |             |        |        |       |
| Chang Laboratories Inc.                  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |        |        |       |
| Chase-TCMS                               | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Cheltonian Inc.                          | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |        | *      | ●     |
| Chemical Abstracts Services (CAS)        | ●                     | ●           | ●               | *                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      | ●      | ●     |
| Chemshare Corp.                          | ●                     |             |                 |                    |                    |                |                    | *                  |          |         |             |        |        |       |
| Chi/Cor Information Management, Inc.     | ●                     |             |                 | *                  |                    |                |                    |                    |          |         |             |        |        |       |
| Chilton Corporation                      | ●                     | ●           |                 |                    |                    |                |                    | *                  |          | ●       |             |        |        |       |
| CHIPS, Inc.                              | ●                     |             |                 |                    |                    |                |                    |                    | *        |         |             |        |        |       |
| Christensen, Laurits R. Associates, Inc. | ●                     |             |                 | *                  |                    |                |                    |                    |          |         |             |        |        |       |
| Christian Rousing Computer Systems       | ●                     |             |                 |                    |                    |                |                    |                    |          | *       |             |        |        |       |
| Chubb & Son, Inc.                        | ●                     | ●           | *               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |        |        |       |
| Cincom Systems, Inc.                     | ●                     |             |                 | *                  |                    |                |                    |                    |          |         | ●           |        |        |       |
| Circle Computer Services                 | ●                     |             |                 | *                  |                    |                |                    |                    |          |         |             |        |        |       |
| Circle Software Corporation              | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
| CISInetwork Corporation                  | ●                     |             | ●               |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Citicorp                                 | ●                     |             | *               |                    |                    |                |                    |                    |          |         | ●           |        |        |       |
| Citizens Data Center Department          | ●                     |             |                 | *                  |                    |                |                    |                    |          |         |             |        |        |       |
| Citizens Financial Corporation           | ●                     |             |                 | *                  |                    |                |                    |                    |          |         |             |        |        |       |
| Claritas                                 | ●                     |             |                 |                    |                    | *              |                    |                    |          |         |             |        |        |       |
| Cliff Data Systems, Inc.                 | ●                     |             | *               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Coastal Information Systems, Inc.        | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Cogito Data Systems, Inc.                | ●                     |             | *               |                    |                    |                |                    |                    |          |         | ●           | ●      |        |       |
| Cognitive Systems, Inc.                  | ●                     | *           |                 |                    |                    |                |                    |                    |          |         | ●           |        | ●      |       |
| Cognos Corporation                       | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |        |        |       |

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# CAMP GEOGRAPHIC INDEX

| COMPANY NAME                                   | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Cognos Incorporated                            | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Cole-Layer-Trumble Co.                         | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| Collier-Jackson, Inc.                          | ●                  | ●           | ●               |                    | ●                  | ★              |                    |                    |          | ●       | ●           |
| Columbia Computing Services, Ltd.              | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Columbia Computing services, Inc.              | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ★           |
| Com Code Corporation                           | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| COM-MAIL                                       | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| COM-MED  | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Com-Pro Division Of Meszaros                   | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Comarco, Inc.                                  | ●                  |             |                 |                    |                    | ●              | ●                  |                    |          | ●       |             |
| Comcheq Services Ltd.                          |                    |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Comdata Network, Inc.                          | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         | ●           |
| Comm-Pro Associates                            | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Command Control And Communications Corporation | ●                  | ●           |                 |                    | ●                  |                | ●                  |                    |          | ●       | ●           |
| Commercial Data Corp.                          | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Commercial Resources                           | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Commercial Software, Inc.                      | ●                  |             | ★               |                    |                    |                |                    |                    |          | ●       |             |
| Commercial Systems, Inc.                       | ●                  |             |                 |                    |                    |                | ●                  |                    |          |         |             |
| Commodity Information Services Co. (CISCO)     | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Communications Computer Services Inc           | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Communications Research Group                  | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         | ●           |
| Communications Solutions Inc.                  | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| COMNET Information Systems                     | ●                  |             | ●               |                    |                    | ★              |                    |                    |          | ●       |             |
| Comp Info Inc.                                 | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Comp-U-Card International Inc.                 | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Comp-U-Check, Inc.                             | ●                  |             |                 | ★                  |                    | ●              |                    |                    |          |         |             |
| Comp-u-Staff, Inc.                             | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Compata, Inc.                                  | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Compeda Inc.                                   | ●                  | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Compensation Resources, Inc. (CRI)             | ●                  |             |                 | ●                  |                    |                |                    |                    |          |         |             |
| Complete Computer Systems                      | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Comptek Research Inc.                          | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Compu-Link Corporation                         | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Compu-Share, Inc.                              | ●                  |             |                 |                    |                    |                |                    |                    |          |         |             |
| Compucare, Inc.                                | ●                  | ●           | ●               | ●                  | ●                  | ★              | ●                  |                    |          | ●       | ●           |
| Compufact                                      | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Compumax, Inc.                                 | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |

★ = Headquarters

# CAMP GEOGRAPHIC INDEX

| COMPANY NAME   | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |        |
|--|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|--------|
|  | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L | CANADA |
| CompuMed/Systemedics                                     | ●                  | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |        |
| Compupower Corporation                                   | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |        |
| CompuServe Incorporated                                  | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ●           | ●      |
| CompuShop  | ●                  |             |                 | ●                  |                    | ●              |                    | ●                  |          |         | ★           | ●      |
| Computab Inc.  | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |
| Compute-R-Systems, Inc.                                  | ●                  | ●           | ★               |                    |                    | ●              |                    |                    |          |         |             |        |
| Computech Corporation                                    | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |
| Computek Computing Corporation                           | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         |             |        |
| Computer Aided Manufacturing- International, Inc (CAM-I) | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         |             |        |
| Computer Application Systems Inc.                        | ●                  | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       | ●           | ●      |
| Computer Applications Corporation                        | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         |             |        |
| Computer Applied Systems Inc.                            | ●                  |             |                 |                    |                    |                |                    |                    |          |         |             |        |
| Computer Assistance International, Inc.                  | ●                  | ★           | ●               | ●                  |                    |                |                    | ●                  | ●        | ●       | ●           |        |
| Computer Associates International, Inc.                  | ●                  | ★           | ★               | ●                  |                    | ●              |                    | ●                  |          | ●       | ●           |        |
| Computer Associates Inc.                                 | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |
| Computer Center, Inc.                                    | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |
| Computer Center, The                                     | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |
| Computer Company (The)                                   | ●                  |             | ●               |                    |                    | ★              |                    | ●                  |          |         |             |        |
| Computer Concepts and Services, Inc.                     | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         |             |        |
| Computer Consoles, Inc.                                  | ●                  | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |        |
| Computer Controls, Inc.                                  | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         | ●           | ●      |
| Computer Corporation of America, Inc.                    | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |        |
| Computer Cost Control Corporation                        | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           | ●      |
| Computer Covenant Corporation                            | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |
| Computer Curriculum Corporation                          | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |
| Computer Data Access Inc. (CDA)                          | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           |        |
| Computer Data Processing Inc.                            | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         |             |        |
| Computer Data Systems, Inc.                              | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |
| Computer Designed Systems, Inc.                          | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         |             |        |
| Computer Directions Advisors Inc. (CDA)                  | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           | ●      |
| Computer Dynamics Inc.                                   | ●                  |             |                 | ★                  |                    | ●              |                    | ●                  |          | ●       |             |        |
| Computer Education Techniques, Inc.                      | ●                  | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |        |
| Computer Generation Inc.                                 | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |
| Computer Horizons Corporation                            | ●                  | ●           | ★               | ●                  |                    | ●              | ●                  | ●                  | ●        | ●       |             |        |
| Computer Income Planning Corp.                           | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |        |
| Computer Innovations                                     | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |
| Computer Input Corporation                               | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           | ●      |

★ = Headquarters



# CAMP GEOGRAPHIC INDEX

| COMPANY<br>NAME                             | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|---|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|   | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Computer Input Services, Inc.               | ●                     |             | ★               |                    |                    | ●              |                    |                    |          |         |             |
| Computer Language Research, Inc.            | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Computer Management Corporation             | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Computer Modeling, Inc.                     | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Computer Network Corporation                | ●                     |             | ●               |                    |                    | ★              |                    |                    |          | ●       |             |
| Computer Partners, Inc.                     | ●                     | ★           | ●               | ●                  | ●                  |                |                    |                    |          |         |             |
| Computer Power Corp.                        | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Computer Power Inc.                         | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Computer Procedures Corp.                   | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         |             |
| Computer Processing Institute               | ●                     | ★           | ●               |                    |                    |                |                    |                    |          |         |             |
| Computer Representatives, Inc. (CRI)        | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Computer Research, Inc.                     | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |             |
| Computer Resources International            | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ★                  | ●        | ●       |             |
| Computer Resources Corporation              | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         |             |
| Computer Results Corporation                | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Computer Sciences Corporation               | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Computer Services International Corporation | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |             |
| Computer Services Associates                | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Computer Services Corporation               | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Computer Services, Inc.                     | ●                     |             |                 | ●                  |                    |                |                    |                    |          |         |             |
| Computer Sharing Corporation                | ●                     |             |                 |                    | ★                  |                | ★                  |                    |          |         |             |
| Computer Sharing Services Inc.              | ●                     |             | ●               | ●                  | ●                  | ★              |                    |                    |          | ●       |             |
| Computer Synergy, Inc.                      | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Computer System Architects, Inc.            | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Computer Systems Development, Inc.          | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Computer Systems Design, Inc.               | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Computer Systems Engineering                | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Computer Systems Group, Inc.                | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Computer Task Group Inc.                    | ●                     | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Computer Technology Associates              | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ★                  | ●        | ●       |             |
| Computer Usage Company                      | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Computer Utilities of Cleveland, Inc.       | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| ComputerAided Design Resources, Inc.        | ●                     |             |                 |                    |                    |                |                    |                    |          | ★       |             |
| Computeristics, Inc.                        | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Computerized Admission Systems, Inc.        | ●                     |             |                 |                    |                    |                |                    | ★                  |          | ●       |             |
| Computerized Office Systems, Inc.           | ●                     |             |                 | ★                  |                    |                |                    |                    |          | ●       |             |
| Computervision Corporation                  | ●                     | ★           | ●               | ●                  |                    |                |                    |                    |          | ●       | ●           |

★ = Headquarters

# CAMP GEOGRAPHIC INDEX

| COMPANY NAME   | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Computing Productivity, Inc.                         | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Computone Systems Incorporated                       | ●                  |             | ●               |                    |                    | ★              |                    |                    |          |         | ●           |
| Computoservice, Inc.                                 | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Computrac Inc.                                       | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Computrol, Inc.                                      | ●                  | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Computron Technologi Company Inc.                    | ●                  | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Compuware Corporation                                | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| Comsen Inc.  | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Comserv Corporation                                  | ●                  | ●           | ●               | ★                  | ●                  |                | ●                  |                    |          | ●       | ●           |
| Comshare, Inc.                                       | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| Comtec   | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Comtech Group International Ltd.                     | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| ComTech Systems, Inc.                                | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ★           |
| Comtrac Inc.   | ●                  | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Convestrix Corporation                               | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Concept Systems, Inc.                                | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Concord Computing Corporation                        | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Condata, Inc.  | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Condor Computer Corp.                                | ●                  |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |
| Condor Corporation, The                              | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Consco Enterprises, Inc.                             | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Consolidated Computer Corp.                          | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Construction Computer Control Inc.                   | ●                  |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |
| Construction Information Systems                     | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Construction Systems Assoc.                          | ●                  | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       | ●           |
| Consultants for Information Resource Management Inc. | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| Consultec  | ●                  | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       |             |
| Consultech Associates, Inc.                          | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Consumer Systems Services Group, Inc.                | ●                  |             |                 | ●                  | ●                  |                |                    |                    |          |         |             |
| Contel Data Services Corporation                     | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Contel Information Systems, Inc.                     | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Context Management Systems                           | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Continental Computer Services, Inc.                  | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Continental Data Processing, Inc.                    | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Continental Healthcare Systems, Inc.                 | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Continental Information Systems                      | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Continental Software                                 | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |

★ = Headquarters

# CAMP GEOGRAPHIC INDEX

| COMPANY NAME                             | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Continuum Company, Inc., The             | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |
| Control Analysis Corporation             | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Control Data Corporation                 | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         | ●           |
| Conversions, Inc.                        | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Convey Company, Inc.                     | ●                  | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Cook Data Services, Inc.                 | ●                  |             |                 |                    |                    |                |                    | ★                  | ●        | ●       |             |
| Coopers and Lybrand                      | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Cornell Computer Corporation             | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Cornwell, Robert Associates              | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Corodale Incorporated                    | ●                  | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Corporate Data Systems                   | ●                  |             |                 |                    |                    | ●              |                    |                    |          |         |             |
| Corporate Systems                        | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Corporate-TECH Planning, Inc.            | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Corstar Business Computing Company, Inc. | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Cost Systems Engineers                   | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |
| Courseware Applications Inc.             | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| Coverdale Associates, Inc.               | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Creative Output                          | ●                  | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Creative Socio-Medics, Corp. (CSM)       | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Creative Software Concepts Inc.          | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Credit Bureau Inc. of Georgia            |                    |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Ctrac Computer Services                  | ●                  | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Cullinet Software                        | ●                  | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Custom Computer Services                 | ●                  |             |                 | ★                  |                    |                |                    |                    | ●        |         |             |
| Custom Computer Services, Inc.           | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Cutler-Williams, Inc.                    | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Cyber Data Systems                       | ●                  | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| CYBERNET                                 | ●                  | ●           | ●               | ●                  | ★                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Cybernetics and Systems Inc.             | ●                  |             |                 |                    |                    | ★              | ●                  |                    |          |         |             |
| Cybernetics System International Corp    | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Cybershare Ltd.                          | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ★           |
| Cybertek Computer Products, Inc.         | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Cyborg Systems, Inc.                     | ●                  |             |                 | ★                  |                    |                |                    |                    |          | ●       |             |
| Cycare Systems, Inc.                     | ●                  | ●           | ●               | ●                  | ★                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Cycom Corporation                        | ●                  |             |                 | ★                  |                    |                |                    |                    |          | ●       |             |
| CYMA Corporation                         | ●                  |             |                 |                    |                    |                |                    | ★                  |          | ●       | ●           |
| Cytrol, Incorporated                     | ●                  |             |                 |                    | ★                  |                |                    |                    |          | ●       | ●           |

★ = Headquarters

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| COMPANY NAME                              | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |        |
|---|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|--------|
|   | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L | CANADA |
| D.E.S. Inc.                               | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |
| D-NET                                     | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |
| DBA Systems, Inc.                         | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |
| DBMS, Inc.                                | ●                  | ●           | ★               | ●                  | ●                  |                | ●                  |                    | ●        | ●       | ●           | ●      |
| DCD Company                               | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |        |
| DDP Systems, Inc.                         | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |        |
| DMR & Associates Ltd.                     | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |
| DMW Group, Inc.                           | ●                  | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      |
| DNA Systems, Inc.                         | ●                  |             | ★               |                    |                    |                |                    |                    |          | ●       |             |        |
| DPEX, Incorporated                        | ●                  | ●           | ●               |                    |                    |                |                    |                    | ●        |         |             |        |
| DPX Inc.                                  | ●                  |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           | ●      |
| DST Systems, Inc.                         | ●                  | ●           |                 |                    | ★                  |                |                    |                    |          |         |             |        |
| DYX Corporation                           | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         |             |        |
| D&B Computing Services, Inc.              | ●                  | ★           |                 |                    |                    |                |                    |                    |          | ●       |             |        |
| Da-Tronics, Inc.                          | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |
| Dacor, Inc.                               | ●                  |             | ★               |                    |                    |                |                    |                    |          | ●       |             |        |
| Dagar Software/Software Development Corp. | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |        |
| Daisy Systems Corporation                 | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      |
| Dalgety, Inc.                             | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |        |
| Daly & Wolcott, Inc.                      | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |
| Damas Office of Tetra Tech Services, Inc. | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |        |
| Darcor                                    | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             | ●      |
| Data Architects, Inc.                     | ●                  |             | ●               | ●                  |                    |                |                    |                    | ●        | ●       | ●           | ●      |
| Data Base Logic Inc.                      | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         |             |        |
| Data Base Management, Inc.                | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |
| Data Basics Corp.                         | ●                  | ★           |                 |                    |                    |                |                    |                    |          | ●       |             | ●      |
| Data Belt Corporation                     | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |        |
| Data Communications Corporation           | ●                  |             |                 |                    |                    |                | ★                  |                    |          | ●       |             |        |
| Data Computing Corporation                | ●                  |             | ★               |                    | ●                  |                |                    |                    |          |         |             |        |
| Data Concepts                             | ●                  | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         |             |        |
| Data Consultants Inc.                     | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |        |
| Data Counts                               | ●                  |             |                 |                    |                    |                |                    |                    |          |         |             |        |
| Data Design Associates, Inc.              | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |        |
| Data Directions, Inc.                     | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |        |
| Data Flow Inc.                            | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         |             |        |
| Data General Corporation                  | ●                  | ★           |                 |                    |                    |                |                    |                    |          | ●       |             |        |
| Data Inc.                                 | ●                  | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |        |

★ = Headquarters

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| COMPANY NAME                          | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|---------------------------------------|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|                                       | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Data Index Incorporated               | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         | ●           |
| Data Law Co.                          | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Data Management Inc.                  | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Data Processing & Accounting Services | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Data Processing Center Inc.           | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Data Processing Consultants           | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Data Processing Design, Inc.          | ●                  |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Data Processing Educational Corp.     | ●                  | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Data Processing Services Inc.         | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Data Processing Services of Findlay   | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Data Resources, Inc.                  | ●                  | ★           |                 |                    |                    |                |                    |                    |          | ●       |             |
| Data Retrieval Corporation Of America | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Data Solutions Inc.                   | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Data South Of Louisiana, Inc.         | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Data Systems Corporation              | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Data Systems for Industry             | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Data Systems of Baton Rouge           | ●                  |             |                 |                    |                    | ★              |                    |                    |          | ●       |             |
| Data Systems, Inc.                    | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Data Tek, Incorporated                | ●                  | ●           | ●               | ●                  | ★                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Data Ten, Inc.                        | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Data Train, Inc.                      | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Data Universal Corp.                  | ●                  | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Data 3 Systems                        | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Data-Tax, Inc.                        | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Data-Tek Corporation                  | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Database Design Inc.                  | ●                  |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |
| Datacare, Inc.                        | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         | ●           |
| Datacom Systems Corporation           | ●                  |             |                 |                    |                    |                |                    |                    |          |         |             |
| Datacomp Corporation                  | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Datacor Services Inc.                 | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Datacrown Inc.                        | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ★           |
| Dataflow Systems, Inc.                | ●                  |             |                 |                    | ★                  |                |                    |                    |          | ●       |             |
| Datair Systems Corporation            | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Datalax Company                       | ●                  |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Datalift Corporation                  | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Dataline Corporation                  | ●                  | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Datalink Systems Inc.                 | ●                  |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |

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| COMPANY<br>NAME   | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|---|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|   | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Datamap, Inc.   | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Datamatics  | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Datamedic   | ●                     | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         | ●           |
| Datanetics  | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Datanetwork, Inc.   | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Datanex, Inc.   | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Dataslink Business Systems, Inc.                          |                       |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |
| Datatab Inc.  | ●                     | ★           | ●               |                    |                    |                |                    |                    |          |         |             |
| Datatel Inc.  | ●                     | ●           | ●               | ●                  |                    | ★              |                    |                    |          |         |             |
| Datatronix Systems Corporation Computer Sciences Division | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Datec, Inc.   | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Datek Insta Card Corporation                              | ●                     | ●           | ★               |                    |                    |                |                    |                    |          |         |             |
| Datex Inc.  | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Datronix, Inc.  | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Davidson Associates                                       | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         |             |
| Davidson Software Systems                                 | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Dawson Geophysical Company                                | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Dealer Information Systems                                | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| DeBugge Computer Services Inc.                            | ●                     | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       | ●           |
| Decimus Corporation                                       | ●                     |             | ●               | ●                  |                    |                | ●                  |                    |          | ●       |             |
| Decision Consultants Inc.                                 | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Decision Focus Inc.                                       | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Decision Graphics   | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Decision Products Services, Inc.                          | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Decision Resources Corporation                            | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Decision Sciences Corporation                             | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Decision Systems, Inc.                                    | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Decisionex, Inc.  | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Decisions Development Inc.                                | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Del Bron Inc.   | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Del Rey Systems, Inc.                                     | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Del-Data Computer Services                                | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Deloitte Haskins & Sells                                  | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Delphi Associates, Inc.                                   | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Delphi Systems Inc.                                       | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Denver Software Company, The                              | ●                     |             |                 |                    |                    |                |                    | ★                  |          | ●       | ●           |
| Design Aids, Inc.   | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |

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| COMPANY<br>NAME                                | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Design Consultants, Inc.                       | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         | ●           |
| Designers & Builders of Information Systems    | ●                     | ●           | ★               |                    |                    |                |                    |                    |          |         |             |
| DesignWare                                     | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Desk Top Financial Solutions Inc               | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Development Systems International              | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Dexel Systems Corporation                      |                       |             |                 |                    |                    | ★              | ●                  |                    | ●        |         | ●           |
| Dialog Information Services, Inc.              | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Dialogue Inc.                                  | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Digicon Inc.                                   | ●                     |             |                 |                    |                    |                | ●                  | ★                  | ●        |         | ●           |
| Digidat Systems Inc.                           | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Digital Datacom Inc.                           | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Digital Equipment Corporation                  | ●                     | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Digital Information Systems Corporation (DISC) | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Digital Marketing Corporation                  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Digital Microsystems                           | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Digital Research Inc.                          | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Digital Systems of Florida, Inc.               | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         | ●           |
| DIMIS, Inc.                                    | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| DIRECT, Incorporated                           | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Directions Inc.                                | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| DISC, Inc.                                     | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Dispersed Software Systems, Inc. (DSS)         | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Display Data Corporation                       | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Distribution Management Systems, Inc.          | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Distribution Research Associates, Inc.         | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| Distribution Sciences Inc.                     | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Diversified Data Resources, Inc.               |                       |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Diversified Data Systems Inc.                  | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| DOSE Pharmacy Systems                          | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |
| Dow Jones & Company, Inc.                      | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Dow Jones Information Services Group           | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Dow Jones News/Retrieval Service               | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Dubuque Data Services                          | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Dun and Bradstreet                             | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| DunsPlus, Inc.                                 | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Duquesne Systems Inc.                          | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Dyatron Corporation                            | ●                     |             |                 |                    |                    | ★              | ★                  |                    |          |         | ●           |

★ = Headquarters



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| COMPANY<br>NAME                       | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         | TOTAL INT'L | CANADA | EUROPE | OTHER |
|---------------------------------------|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|--------|--------|-------|
|                                       | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC |             |        |        |       |
| Dyer, Wells & Associates              | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |        |       |
| Dylakor                               | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |        |        |       |
| Dynaelectron Corporation              | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |        |       |
| Dynamic Control Corporation           | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           | ●      |        |       |
| Dynamic Data Processing Inc.          | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |        |        | ●     |
| Dynamic Solutions, Inc.               | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Dynamicro Software Corp. (DSC)        | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      |        |       |
| Dynamics Research Corporation         | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |        |        |       |
| Dynax Resources, Inc.                 | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| E/Soft Incorporated                   | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| EBS Data Processing Inc.              | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |        |        |       |
| EECO Computer Inc.                    | ★                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |        |        |       |
| EFT Data Services, Inc.               | ●                     | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |        |        |       |
| EMA, Inc.                             | ●                     | ●           | ●               | ●                  | ★                  | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      |        |       |
| ESI                                   | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           | ●      |        |       |
| ETA International, Inc.               | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           | ●      | ●      |       |
| Eagle Computing Corporation           | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Eastern Airlines, Inc.                | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |        | ●      | ●     |
| Eastern States Bankcard Associates    | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Ecco Consulting, Inc.                 | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Econo Data, Inc.                      | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           | ●      |        |       |
| Economic Technology Association (ETA) | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |        |        |       |
| Edu-Ware Services, Inc.               | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           | ●      | ●      | ●     |
| Educational Methods, Inc.             | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |        |        |       |
| Edwards, J.D. & Company               | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         | ●           | ●      | ●      | ●     |
| Electrocon International, Inc.        | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |        |       |
| Electron Information Systems          | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |        |        |       |
| Electronic Banking Systems            | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |        |        |       |
| Electronic Data Systems Corporation   | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |        |        |       |
| Electronic Tabulating Corporation     | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Elke Corporation                      | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         | ●           | ●      |        |       |
| Embassy Institute, The                | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           | ●      | ●      |       |
| Employee Communication Services Inc.  | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Endata, Inc.                          | ●                     | ●           | ●               |                    |                    | ●              | ★                  | ●                  |          | ●       |             |        |        |       |
| Energy, Inc.                          | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         | ●           |        |        |       |
| Enertec Inc.                          | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           | ●      | ●      | ●     |
| Engineering Systems Corporation       | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |        |        |       |

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| COMPANY<br>NAME                                       | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|---|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|   | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Enhansys Inc.   | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Enterprise Computer Systems                           | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Environmental Systems Research Institute              | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Envoy Corporation                                     | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Epsilon Data Management, Inc.                         |                       | ★           |                 | ●                  |                    |                | ●                  |                    |          | ●       |             |
| Equifax Inc.  | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Ernst & Whinney                                       | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Escom, Inc.   | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Essex Corporation                                     | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         | ●           |
| Evaluation Planning Systems International, Inc. (EPS) |                       | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Evans & Sutherland                                    | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         | ●           |
| Evans, Griffiths & Hart, Inc.                         | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| EXECUCOM Systems Corporation                          | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Executec Corporation                                  | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ★                  | ●        | ●       | ●           |
| Executive Compumetrics, Inc.                          | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Executive Systems, Inc.                               | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Executive Technology Data Systems (ETDS)              | ●                     | ●           |                 | ●                  |                    |                | ●                  |                    |          |         | ●           |
| Exeter Software Limited                               | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| FBC, Inc.   | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Factory Systems                                       | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Fair, Isaac Companies                                 | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Fall, J.R. & Company Company                          | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Far West Systems, Inc.                                | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Federal Data Corp.                                    | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Federal Electric Corporation                          | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Ferox Microsystems, Inc.                              | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         | ●           |
| Fidler Bateman  | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Fiduciary Processing, Inc.                            | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Fields Financial Services                             | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Figgie Systems Management Group, Inc.                 | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Financial Data Services                               | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Financial Decisions Systems, Inc.                     | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Financial Institution Services, Inc.                  | ●                     | ●           | ●               | ●                  | ●                  | ●              | ★                  | ●                  | ●        | ●       |             |
| Financial Interstate Services                         | ●                     |             |                 |                    | ●                  | ★              |                    |                    |          |         |             |
| Financial Services, Inc.                              | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Financial Software Inc.                               | ●                     | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       | ●           |
| Financial Systems Consultants                         | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |

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| COMPANY<br>NAME                           | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
|---|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|--------|--------|-------|
|   | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L | CANADA | EUROPE | OTHER |
| Financial Systems, Inc.                   | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |        |       |
| Finserv Computer Corporation              | ●                     | ●           | ★               |                    |                    |                | ●                  |                    |          | ●       |             |        |        |       |
| First City Services Company               | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |        |        |       |
| First Computer Corporation                | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |        |        |       |
| First Data Management Company, Inc.       | ●                     |             |                 |                    | ●                  |                |                    | ★                  |          |         |             |        |        |       |
| First Data Resources, Inc.                | ●                     | ●           |                 |                    | ★                  | ●              |                    |                    |          | ●       |             |        |        |       |
| First Financial Management Corporation    | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |        |       |
| Five Technologies, Inc.                   | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           | ●      |        |       |
| Fleet Information, Inc.                   | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Florida Software Services, Inc.           | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |        |        |       |
| Florida State University Computing Center | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |        |       |
| Flow General, Inc.                        | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           | ●      | ●      |       |
| Foothill Associates, Inc.                 | ●                     |             |                 |                    |                    |                |                    |                    |          | ★       |             |        |        |       |
| Ford & Associates, Inc.                   | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |        |       |
| Foresight, Inc.                           | ●                     |             |                 |                    |                    | ●              |                    |                    |          |         | ●           |        |        | ●     |
| FORTH, Inc.                               | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           | ●      | ●      | ●     |
| Fortune Systems Corporation               | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |        |        |       |
| Fox & Geller, Inc.                        | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           | ●      | ●      | ●     |
| Frey Associates, Inc.                     | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           | ●      | ●      |       |
| Frey Federal Systems Corporation          | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           | ●      | ●      | ●     |
| Frey, Donald R. & Co.                     | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |        |        |       |
| Friesen International, Inc.               | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |        |        | ●     |
| FundsNet, Inc.                            | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Fusion Products International             | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           | ●      | ●      | ●     |
| GAI California, Inc.                      |                       |             |                 |                    |                    |                |                    |                    | ●        | ●       |             |        |        |       |
| GMD Systems International Inc.            | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           | ●      | ●      | ●     |
| GT Software, Inc.                         | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           | ●      |        |       |
| GTE Telenet Communications Corporation    | ●                     | ●           | ●               |                    |                    | ★              |                    |                    |          |         | ●           |        |        |       |
| GTECH Corporation                         | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           | ●      |        |       |
| Galler Automation Industries Inc.         | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           | ●      | ●      | ●     |
| Galler Hospitality Systems Inc.           | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         | ●           |        |        |       |
| Gamma Systems Services                    | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |        |       |
| Gamma Technology, Inc.                    | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |        | ●      | ●     |
| Gancom Inc.                               | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Garner Venture Computing                  | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ★                  | ●        | ●       |             |        |        |       |
| Garrett Computing Systems Inc.            | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         | ●           | ●      | ●      |       |
| Geac, Inc.                                | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |        |        |       |

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| COMPANY<br>NAME                               | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|---|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|   | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| GEJAC Incorporated                            | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Gelco Maintenance Systems                     | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Gellman, Hayward & Partners, Ltd.             |                       |             |                 |                    |                    |                |                    |                    |          |         | ★           |
| Gemini Business Systems                       | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| GENASYS Corporation                           | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Genelco, Inc.                                 | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| General Computer Corporation                  | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| General Construction Data Systems, Inc.       | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| General Contractor Data Service               | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| General Electric CAE International, Inc.      | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| General Electric Information Services Company | ●                     | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       | ●           |
| General Systems Group, Inc.                   | ●                     | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Genesee Computer Center, Inc.                 | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Genesys Software Systems, Inc.                | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Genigraphics Corporation                      | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Geobased Systems, Inc.                        | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Geographic Systems, Inc.                      | ●                     | ★           | ●               | ●                  |                    |                |                    | ●                  | ●        |         |             |
| GeoQuest International Inc.                   | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Geosource Inc.                                | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |
| Gerber Scientific, Inc.                       | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| GESCO Corporation                             | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       |             |
| Gifford Fong Associates                       | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Gilbert Associates Inc.                       | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Global Computer Systems, Inc.                 | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| Global Data Corporation                       | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Global Software                               | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Goal Systems International Inc.               | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| Gottfried Consultants                         | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Gramco Inc.                                   | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Graphic Arts Data Service                     | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Graphic Software Systems                      | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Graphics Concepts, Inc.                       | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Great Plains Software, Inc.                   | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Greer Sontag Associates Inc.                  | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Group Operations, Inc.                        | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Grumman Data Systems Corporation              | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Gull Resources Management Systems, Inc.       | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |

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| COMPANY<br>NAME                           | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |
|---|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|
|   | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC |
| Gulley Computer Associates                | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |
| H & A Computer Systems, Inc.              | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       |
| H & W Computer Systems                    | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       |
| HAI Computer Services                     | ●                     |             |                 |                    | ●                  |                |                    |                    | ★        |         |
| HBO & Company                             | ●                     |             | ●               | ●                  |                    | ★              | ●                  | ●                  | ●        |         |
| HBS Information Systems, Inc.             | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         |
| Hadron Inc.                               | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |
| Hal Systems & Services                    | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ★                  | ●        | ●       |
| Hale Systems, Inc.                        | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |
| Hancock-Dikewood Services Inc.            | ●                     | ●           | ●               |                    |                    | ●              |                    | ★                  |          |         |
| Haney Group, Inc.                         | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |
| Harris & Paulson Inc.                     | ●                     | ●           |                 |                    |                    |                |                    | ★                  | ●        |         |
| Harris Data Service Inc.                  | ●                     |             |                 | ★                  |                    |                |                    |                    |          | ●       |
| Harris Information Systems, Systems, Inc. | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |
| Harris Laboratories, Inc.                 | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |
| Harris Publishing Company                 | ●                     | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        |         |
| Harris Technical Systems, Inc.            | ●                     |             |                 |                    | ★                  |                |                    |                    |          | ●       |
| Harris Technology Group, Inc.             | ●                     |             |                 |                    | ★                  |                |                    |                    |          | ●       |
| Hartley Data Service, Inc.                | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |
| Haverly Systems, Inc.                     | ●                     |             | ★               |                    |                    |                | ●                  |                    | ●        | ●       |
| Hayden Publishing Software                | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       |
| Health Information Systems, Inc.          | ●                     |             | ★               | ●                  |                    | ●              |                    | ●                  |          |         |
| Health Systems Institute of Maine         | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |
| Helm Data Processing Inc.                 | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |
| Hemenway Corporation                      | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       |
| Henco Software, Inc.                      | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       |
| Henry, Jack & Associates                  | ●                     | ●           | ●               | ●                  | ★                  | ●              | ●                  | ●                  | ●        | ●       |
| Heritage Computer Corporation             | ●                     |             |                 | ★                  |                    |                |                    |                    |          | ●       |
| Heuristic DataSystems, Inc.               | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |
| Hewlett-Packard General Systems Division  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |
| Higley & Company, Inc.                    | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |
| Hilltop Enterprises, Inc.                 | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |
| Hogan Systems, Inc.                       | ●                     | ●           |                 | ●                  |                    | ●              | ★                  |                    | ●        | ●       |
| Holland Systems Corporation               | ●                     |             |                 | ★                  |                    |                |                    |                    | ●        | ●       |
| Holmes & Shaw Inc.                        | ●                     | ●           |                 |                    |                    |                | ★                  |                    |          |         |
| Honeywell Inc.                            | ●                     |             |                 |                    | ★                  |                |                    |                    |          | ●       |
| Horizon Software Systems                  | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       |

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| COMPANY NAME                                     | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Hospital Data Services                           | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Hotze, James B. Company                          |                    | ●           |                 |                    |                    |                | ★                  |                    |          |         | ●           |
| Houghton Mifflin Company                         | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Houston Data Center Inc.                         | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Houston Engineering Research Corporation         | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Houston Information Systems Inc                  | ●                  |             |                 |                    |                    |                | ★                  | ●                  |          |         |             |
| Hurd, Nicholas N. Inc.                           | ●                  |             |                 |                    |                    |                |                    |                    |          |         |             |
| I-Concepts, Inc.                                 | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         | ●           |
| IBM Information Network                          | ●                  | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         | ●           |
| ICS Group  | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| IE Systems                                       | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| IFA Computer Services Inc.                       | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| III Systems, Inc.                                | ●                  | ★           | ●               |                    |                    |                |                    | ●                  |          |         | ●           |
| IMI Health Systems Corporation Applications Inc. | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| IMI Systems                                      | ●                  | ●           | ★               |                    |                    | ●              |                    |                    |          |         | ●           |
| IMS Systems Corporation                          | ●                  |             | ★               |                    |                    | ●              | ●                  |                    |          |         |             |
| IPL, Inc.  | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| IPT - Information Processing Techniques          | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         | ●           |
| ISI Systems, Inc.                                | ●                  | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         | ●           |
| ITT Dialcom, Inc.                                | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         | ●           |
| Iconix   | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Image Sciences, Inc.                             | ●                  | ●           | ●               | ●                  | ●                  | ●              | ★                  | ●                  | ●        |         |             |
| Impact Systems                                   | ●                  | ★           | ●               |                    |                    |                |                    |                    |          |         |             |
| Incepts, Inc.                                    | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| INCO Inc.  | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         | ●           |
| Indecon Inc.                                     | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Independent Computer Systems, Inc. (ICS)         | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |
| Independent Tax Corporation (ITC)                | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         | ●           |
| Index Systems Inc.                               | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Industrial Programming, Inc.                     | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Info Systems of N.C., Inc.                       | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Info-Pros, Inc.                                  | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         | ●           |
| INFOCEL Incorporated                             | ●                  | ●           | ●               |                    |                    | ★              |                    |                    |          |         |             |
| Infodata Systems Inc.                            | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Infomed  | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Informata Landex Systems                         | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         |             |
| Informatics General Corporation                  | ●                  |             |                 | ●                  |                    | ●              | ●                  | ●                  | ●        | ●       |             |

★ = Headquarters

# CAMP GEOGRAPHIC INDEX

| COMPANY<br>NAME                                   | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|---|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|   | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Information Access Co.                            | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Information Automation, Inc.                      | ●                     | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  |          |         | ●           |
| Information Builders, Inc.                        | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Information Management International              | ●                     |             |                 |                    |                    |                |                    | ●                  |          | ●       | ●           |
| Information Management Software Specialists, Inc. | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Information People, The                           | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Information Processing Corporation                | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         | ●           |
| Information Processing Inc.                       | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Information Research Associates                   | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         | ●           |
| Information Resources Ltd.                        | ●                     | ●           |                 | ●                  | ●                  | ●              | ●                  | ★                  | ●        | ●       | ●           |
| Information Resources, Inc.                       | ●                     | ●           | ★               |                    | ●                  | ●              | ●                  | ●                  | ●        |         | ●           |
| Information Science Incorporated (InSci)          | ●                     |             | ★               |                    | ●                  |                | ●                  |                    |          |         |             |
| Information Systems Investment Corporation        | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Information Systems Inc.                          | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Information Systems of America, Inc. (ISA)        | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Information Technology, Inc.                      | ●                     | ●           | ●               | ●                  | ★                  | ●              | ●                  | ●                  | ●        |         |             |
| Infoware Systems, Inc. (ISI)                      | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Infoservices, Inc.                                | ●                     |             |                 |                    | ★                  |                |                    |                    |          | ●       | ●           |
| Infotec Development Inc.                          | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Infotecs, Inc.                                    | ●                     | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         |             |
| Innovation Data Processing, Inc.                  | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |             |
| Innovative Software, Inc.                         | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Innovative Systems, Inc.                          | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |             |
| Input Output Computer Services                    | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Input Services, Inc.                              | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Insight Software Systems                          | ●                     |             | ★               | ●                  |                    |                |                    |                    |          | ●       |             |
| Inslaw, Inc.                                      | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Institutional Networks Corporation (INSTINET)     | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Insurance Information, Inc.                       | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Insurance Network Systems, Inc.                   | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Insurance Publishing and Computers, Inc.          | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Insurance Servicing & Information Systems Corp.   | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Integral Business Computing, Inc.                 | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Integral Systems, Inc.                            | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Integrated Automation Inc.                        | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Integrated Computer Applications                  | ●                     | ●           | ★               |                    | ●                  |                |                    |                    |          |         |             |
| Integrated Computer Systems, Inc.                 | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |

★ = Headquarters



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| COMPANY<br>NAME                                 | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|---|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|   | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Integrated Computer Software, Inc.              | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Integrated Computer Systems, Inc.               | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Integrated Microcomputer Systems, Inc.          | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Integrated Office Concepts Inc.                 | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Integrated Software Systems Corporation (ISSCO) | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Integrated Systems Group, Inc.                  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Integrated Systems Management                   | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Integrity Solutions, Inc.                       | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Intellectron Incorporated                       | ●                     |             |                 |                    |                    |                |                    |                    |          | ★       |             |
| IntelliCorp                                     | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Intellidata Incorporated                        | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Intelligence Interlink Corporation              | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Intelligent Systems Corp.                       | ●                     | ●           |                 |                    | ★                  |                |                    |                    |          | ●       | ●           |
| Interactive Applications, Inc.                  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Interactive Computer Enterprises Inc.           | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Interactive Data Corporation                    | ●                     | ★           | ●               | ●                  | ●                  | ●              |                    | ●                  |          | ●       | ●           |
| Interactive Data Services, Inc.                 | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Interactive Information Systems, Inc.           | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Interactive Information System Inc.             | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Interactive Marketing Systems (IMS)             | ●                     | ★           | ●               |                    |                    |                |                    |                    |          | ●       | ●           |
| Interactive Software Systems Inc.               | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         |             |
| Interactive Software, Inc.                      | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Interactive System Corporation                  | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         |             |
| INTERACTIVE Systems Corporation                 | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Interactive, Incorporated                       | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Intergraph Corporation                          | ●                     |             |                 |                    | ★                  |                |                    |                    |          | ●       | ●           |
| Intermetrics, Inc.                              | ●                     | ★           | ●               |                    |                    |                |                    |                    |          | ●       |             |
| International Business Machines                 | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| International Business Services Inc.            | ●                     |             |                 |                    |                    | ★              |                    |                    |          | ●       |             |
| International Computaprint Corporation          | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| International Computer Systems, Inc.            | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| International Data Processing, Inc.             | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| International Environment Research, Inc. (IER)  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| International Micro Systems Inc.                | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         | ●           |
| Interpretive Data Systems                       | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Interpretive Data Systems                       | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Interprocess Systems, Inc.                      | ●                     |             | ●               |                    | ★                  |                |                    |                    |          | ●       | ●           |

★ = Headquarters

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| COMPANY<br>NAME                                    | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|--------|--------|-------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L | CANADA | EUROPE | OTHER |
| Intertec Diversified Systems, Inc.                 | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |        | ●      |       |
| Investment Computer Services Inc                   | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |        |        |       |
| JBS Associates, Inc.                               | ●                     | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |        |        |       |
| JMI Software Consultants                           | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |        | ●      | ●     |
| Jacobs, Thomas L. & Associates                     | ●                     |             |                 | ★                  | ●                  |                |                    |                    |          |         |             |        |        |       |
| Jacobsen & Associates                              | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ★       |             |        |        |       |
| James, Fred S. and Company                         | ●                     | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      | ●      |       |
| Johnston, Brown & Associates, Inc. (JBA)           | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Jones/Hospdex Systems, Inc.                        | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| K.H. Little, Inc.                                  | ●                     | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      |        |       |
| Kappa Systems Inc.                                 | ●                     | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       |             |        |        |       |
| Keane, Inc.  | ●                     | ★           | ●               | ●                  |                    |                |                    |                    |          |         |             |        |        |       |
| Kearney, A.T.                                      | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |        |        |       |
| Kearns, Robert J., Inc.                            | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |        |       |
| Kebert Corporation                                 | ●                     |             |                 |                    | ●                  |                |                    | ●                  |          | ●       |             |        |        |       |
| Kencom, Inc.                                       | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |        |       |
| Kennedy & Coe                                      | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |        |        |       |
| Key Data Services Inc.                             | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Key Entry Inc.                                     | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Key Management Inc.                                | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |        |        |       |
| Keydata Corporation                                | ●                     | ★           | ●               |                    |                    |                |                    |                    |          |         | ●           | ●      |        |       |
| Keystone Computer Associates Inc.                  | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Kidd International Data Processing                 | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |        |       |
| Kimbrough Computer Sales, Inc.                     | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         |             |        |        |       |
| Kirchman Corporation                               | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |        |        |       |
| Knuth Computer Services Inc                        | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Krell Software Corp                                | ●                     | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      | ●      | ●     |
| Krohm International, Ltd                           | ●                     |             |                 | ★                  |                    |                |                    | ●                  | ●        |         |             |        |        |       |
| L.N.K. Corporation                                 | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |        |       |
| LCS Data Processing Inc.                           | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| LCS Industries, Inc.                               | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| LAN Systems, Inc.                                  | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         | ●           | ●      |        |       |
| Landart Systems, Inc.                              | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Latron Computer Systems, Inc.                      | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Lawson Associates                                  | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |        |        |       |
| Leading Software Technologies Corp.                | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |        |       |
| Learmonth & Burchett Management Systems Inc (LBMS) | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |        | ●      |       |

★ = Headquarters

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| COMPANY<br>NAME                                  | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |       |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | OTHER |
| Learning Company, The                            | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Legal Data Systems, Inc.                         | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Levi, Ray & Shoup Inc.                           | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Lifeboat Associates Inc.                         | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Lifetree Software, Inc.                          | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Link Systems                                     | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Link X, Inc.                                     | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| LINKWARE Corp.                                   | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Linton Shafer & Co.                              | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| List Processing Company, Inc.                    | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Little, Arthur D., Inc.                          | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Litton Computer Services                         | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Litton Computer Services                         | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Litton Industries, Inc.                          | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Lockwood Association Inc, The                    | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Logic Inc.                                       | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Logical Data Management                          | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Logicon Inc.                                     | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Logistics Systems                                | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Logos  | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Lomas & Nettleton Information Systems, Inc.      | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Lotus Development Corporation                    | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Loud Consulting Corporation, The                 | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Louisiana Companies - Computer Services Division | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Lowenthal Programming Corporation                | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Lowry, James H & Associates                      | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Lundy Electronic & Systems, Inc.                 | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Lupfer & Long, Inc.                              | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| Lynch Data Processing                            | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| M/A-COM Sigma Data, Inc.                         | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| MBS Software                                     | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| MC Software, Inc.                                | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| MCRB Service Bureau                              | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| MCT Information Systems, Inc.                    | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| MDS Lawtime                                      | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| MDS, Inc.  | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |
| MHT Services Inc.                                | •                     | •           | •               | •                  | •                  | •              | •                  | •                  | •        | •       | •     |

★ = Headquarters

# CAMP GEOGRAPHIC INDEX

| COMPANY<br>NAME                                     | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
|---|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|--------|--------|-------|
|   | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L | CANADA | EUROPE | OTHER |
| MIPS Software Development Inc.                      | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           | ●      | ●      | ●     |
| MIS, Inc.   | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| MJK Associates                                      | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           | ●      | ●      | ●     |
| MNC International, Inc. Micro Network Division      | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |        | ●      |       |
| MPSI Systems Inc.                                   | ●                     |             |                 |                    |                    |                |                    | ★                  |          | ●       | ●           | ●      | ●      | ●     |
| MRM, Inc.   | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |        | ●      |       |
| MTech   | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |        |        |       |
| MVSE Software                                       | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           | ●      | ●      | ●     |
| MacDonald Computer Systems                          | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| MacNeal-Schwendler Corporation                      | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |        |        |       |
| Macro Corporation                                   | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |        |        |       |
| Madic Corporation                                   | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |        |        |       |
| Magnum Communications, Ltd. 320 Interstate N. Pkwy. | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |        |       |
| Mailhouse, Inc.                                     | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |        |        |       |
| Mainstem Corporation                                | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           | ●      |        |       |
| Management & Computer Services Inc.                 | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           | ●      | ●      |       |
| Management Computer Services, Inc.                  | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |        |       |
| Management Computer Controls, Inc.                  | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |        |        |       |
| Management Consultant Resource Group                | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         |             |        |        |       |
| Management Cybernetics International                | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |        |       |
| Management Data Communications Corporation          | ●                     | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |        |        |       |
| Management Data Systems Inc.                        | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |        |        | ●     |
| Management Decision Systems, Inc.                   | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |        |        |       |
| Management Design Associates                        | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |        |        |       |
| Management Directions Inc.                          | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Management Informaton Systems Group, Inc. (MISG)    | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |        |       |
| Management Science America, Inc.                    | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |        |        |       |
| Management Sciences, Inc.                           | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         | ●           | ●      | ●      | ●     |
| Management Systems Associates                       | ●                     | ●           | ●               | ●                  |                    | ★              |                    |                    |          |         |             |        |        |       |
| Management Systems Of Wausau, Inc.                  | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |        |       |
| Management Techniques, Inc.                         | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Manager Software Products Inc.                      | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |        |        |       |
| Mann Data Inc.                                      | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Mann, Charles & Associates Micro Software Division  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Mantissa Corporation                                | ●                     | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       | ●           | ●      | ●      | ●     |
| Manufacturing Data Systems, Inc.                    | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |        |        |       |
| Manufacturing Solutions & Systems Inc.              | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           | ●      |        |       |

★ = Headquarters

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| COMPANY<br>NAME                              | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| MANUS Services Corporation                   | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Maple Plain Company                          | ●                     | ●           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Marathon Management Systems, Inc.            | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| MARC Software International, Inc.            | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Marcam Data Systems Corporation              | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Marchbanks and Parker, Inc.                  | ●                     |             |                 |                    | ●                  | ●              | ★                  |                    |          |         | ●           |
| Marcoin Business Management Services, Corp   | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Mariposa Corporation                         | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Maritime Computer Corporation                | ●                     | ●           | ★               |                    |                    |                |                    |                    |          | ●       |             |
| Mark Williams Company                        | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Marketing and Systems Development Corp., The | ●                     | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Marshall and Stevens Incorporated            | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Marshall and Swift Publication Company       | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Martel Laboratories, Inc.                    | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Martin and Stern Inc.                        | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Martin Marietta Data Systems                 | ●                     | ●           | ●               | ●                  |                    | ★              |                    | ●                  | ●        | ●       | ●           |
| Master Data Center, Inc.                     | ●                     |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |
| Master Information Systems                   | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Mathematica, Inc.                            | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Mathematical Applications Group, Inc. (MAGI) | ●                     | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Matlen Silver Group Inc., The                | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Matrix Insurance Services Inc.               | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| May & Speh Processing Center, Inc.           | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| McClintock                                   | ●                     |             |                 |                    | ★                  |                |                    |                    |          | ●       |             |
| McCormack & Dodge Corporation                | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| McCosker Corporation                         | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| McCullough and Associates                    | ●                     |             |                 |                    | ★                  |                |                    |                    |          | ●       | ●           |
| McDonald, Friedberg & Carr                   | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| McDonnell Douglas Automation Company         | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| McDonnell Douglas Physician Systems, Inc.    | ●                     |             |                 | ●                  |                    |                | ●                  |                    |          | ●       |             |
| McGraw-Hill Information Systems Company      | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| McSpadden Associates, Inc.                   | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Mead Data Central                            | ●                     | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Mechanics National Bank                      | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         |             |
| Medical Data Control                         | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Medical Data Services                        | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Medical Datamation                           | ●                     |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |

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| COMPANY<br>NAME                                | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|--------|--------|-------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L | CANADA | EUROPE | OTHER |
| Medical Engineering, Inc.                      | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           | ●      |        |       |
| Medical Information Technology Inc. (MEDITECH) | ●                     | ★           | ●               |                    |                    |                |                    |                    |          |         | ●           |        |        |       |
| Medical Management Systems Inc.                | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |        |       |
| Medicus Systems Corporation                    | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           | ●      |        |       |
| Medidata Inc.                                  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Mediflex Systems Corporation                   | ●                     |             | ●               | ★                  |                    | ●              |                    | ●                  |          | ●       |             |        |        |       |
| Mellon Bank Datacenter                         | ●                     | ●           | ●               | ●                  |                    |                |                    |                    |          |         |             |        |        |       |
| Mellon Bank-Technology Products Department     | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Menu, International Software DataBase          | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         | ●           | ●      | ●      | ●     |
| Meridian Systems Inc.                          | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Metamorphics, Inc.                             | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           | ●      |        | ●     |
| Metasystems Inc.                               | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |        |        |       |
| Metier Management Systems, Inc.                | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |        | ●      | ●     |
| Metro Bank                                     | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Metro System, Inc.                             | ●                     |             |                 |                    | ●                  |                |                    | ★                  | ●        |         |             |        |        |       |
| Metrocom Inc.                                  | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |        |       |
| Metromail Corporation                          | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         | ●           |        |        |       |
| Micor-Net, Inc.                                | ●                     |             |                 | ●                  | ●                  |                |                    |                    | ★        |         |             |        |        |       |
| Micro Business Systems, Inc.                   | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |        |       |
| Micro D, Inc.                                  | ●                     |             |                 | ●                  |                    | ●              | ●                  | ●                  | ●        | ★       | ●           |        |        |       |
| Micro Data Base Systems, Inc. Inc.             | ●                     |             |                 | ★                  |                    |                |                    | ●                  |          |         | ●           |        |        | ●     |
| Micro Focus Inc.                               | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |        | ●      |       |
| Micro Macro Systems Inc.                       | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |        |        |       |
| Micro Solutions, Inc. (MSI)                    | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           | ●      |        |       |
| Micro Systems Software                         | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Micro-Base Associates, Inc.                    | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |        |       |
| Micro-Call Services                            | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |        |        |       |
| Micro-Tec, Inc.                                | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |        |        |       |
| Microcommet                                    | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |        |       |
| Micromedex Incorporated                        | ●                     | ●           | ●               | ●                  |                    | ●              | ●                  | ●                  | ★        |         | ●           |        | ●      | ●     |
| MicroPro International Corporation             | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |        |        |       |
| Microsoft Corporation                          | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           | ●      | ●      | ●     |
| Mid-American Control Corporation               | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           | ●      | ●      | ●     |
| Midcom Corporation                             | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           | ●      | ●      | ●     |
| Midwest Data Systems, Inc.                     | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |        |       |
| Miller Computing Corp.                         | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ★        | ●       |             |        |        |       |
| Milton Allen & Associates, Inc.                | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |        |       |

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| COMPANY NAME                                     | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| MIMICS, Inc.                                     | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Mincron SBC Corporation                          | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Mini Data Systems                                | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Mini-Computer Business Applications, Inc. (MCBA) | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Mini-Computer Support Group                      | ●                  | ●           | ●               | ★                  |                    |                | ●                  | ●                  |          | ●       | ●           |
| Mini-Computer Systems, Inc.                      | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Mini-Probe Corporation                           |                    |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Mini-Systems Associates                          | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Minicomputer Company of Maryland, Inc.           | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Minimax Research Corp.                           | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Miningham & Oellerich, Inc.                      | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Minitab, Inc.                                    | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Misco  | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Mitchell Matics                                  | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Mitre Corporation                                | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Mnemonics Incorporated                           | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Mobius Division                                  | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ★           |
| Modular Information Systems, Inc. (MIS)          | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Modulus Medical Data Systems Inc.                | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Monchik-Weber California, Inc.                   | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Monchik-Weber Corporation                        | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Monchik-Weber Metro Data, Inc.                   | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Montgomery Data Systems Inc.                     | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Moore Data Management Systems                    | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         | ●           |
| Morino Associates Inc.                           | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Mountain Software Growers, Inc.                  | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |
| Multinational Computer Models, Inc.              | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Multiplications, Inc.                            | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Muse Software                                    | ●                  | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       | ●           |
| Mylee Digital Sciences, Inc.                     | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| NCA Corporation                                  | ●                  | ●           | ●               | ●                  |                    | ●              |                    | ●                  |          | ●       | ●           |
| NCR Data Services                                | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| NDC Federal Systems, Inc.                        | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| NSA, Inc.  | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| National Bancard Corporation                     | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| National Check Records Corp.                     | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| National Computer Analysts, Inc.                 | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |

★ = Headquarters



# CAMP GEOGRAPHIC INDEX

| COMPANY<br>NAME                                     | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|---|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|   | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| National Computer Systems, Inc.                     | ●                     |             |                 | ★                  | ★                  | ●              |                    |                    |          |         |             |
| National Data Communications                        | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| National Data Corporation                           | ●                     | ●           | ●               | ●                  |                    | ★              | ●                  | ●                  | ●        | ●       | ●           |
| National Data Services, Inc.                        | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| National Datacentre Corp.                           |                       |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| National Decision Systems, Inc.                     | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         | ★           |
| National Economic Research Associates, Inc.         | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| National Electronic Information Corporation         | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| National Electronic Information Corp.               |                       | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         |             |
| National Evaluation Systems, Inc.                   | ●                     | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| National FSI, Inc.                                  | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| National Information Systems, Inc.                  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| National Management Systems, Ltd.                   | ●                     |             |                 |                    | ★                  |                |                    |                    |          | ●       | ●           |
| National Planning Data Corporation                  | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| National Systems, Inc.                              | ●                     |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |
| National Training Systems                           | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Nelson & Bauman, Inc.                               | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| Neodata Services                                    | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         | ●           |
| Neshaminy Valley Information Processing Inc. (NVIP) | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Network Computing Corporation                       | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Network Consultants, Inc.                           | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Network Data Processing Corporation                 | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| New Systems, Inc.                                   | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| NewsNet, Inc.                                       | ●                     | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Nichols & Company Inc.                              | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Nielsen, A.C. Company                               | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Nixdorf Computer Software Co.                       | ●                     |             |                 |                    |                    | ★              |                    |                    |          | ●       |             |
| Nordata, Inc.                                       | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Northeast Data Systems Inc.                         | ●                     | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         |             |
| Northeastern Computer Service Inc.                  | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Northwest Analytical Inc.                           | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Northwest Key punch, Inc.                           | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Northwest Management Services, Inc.                 | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Norwest Computer Services, Inc.                     | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Norwest Financial, Inc.                             | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Novva Computer System, Inc.                         | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Numerax, Inc.                                       | ●                     |             | ★               | ●                  | ●                  | ●              |                    |                    |          | ●       |             |

★ = Headquarters

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| COMPANY NAME                               | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Numeridex, Inc.                            | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ● ● ● ●     |
| NYPLAN, Inc.                               | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ● ● ● ●     |
| OAO  | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         | ● ● ● ●     |
| Oasys, Inc. (Office Automation Systems)    | ●                  | ★           | ●               | ●                  |                    |                |                    |                    |          |         |             |
| Oatman Computer Services, Inc.             | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Occidental Computer Systems, Inc.          | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Occupational Computing Company, Inc.       | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Occupational Health Services Inc.          | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ● ● ● ●     |
| OCTO Limited                               | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Odin Datasystems                           | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Office Services Inc. (OSI)                 | ●                  |             |                 |                    |                    | ●              |                    | ★                  |          |         |             |
| Officesmiths, Inc.                         | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ● ★         |
| Offshore Information Services, Inc.        | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Offutt Publishing                          | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Ohio Valley Data Control, Inc.             |                    |             |                 | ★                  |                    | ●              |                    |                    |          |         |             |
| Olson Research                             | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Omega Microware, Inc.                      | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| OMNI Resources, Inc.                       | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Omn-American                               | ●                  | ●           | ●               | ●                  | ●                  | ★              |                    | ●                  | ●        | ●       |             |
| Omtool Corporation                         | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ● ● ● ●     |
| On-Going Ideas                             | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ● ● ● ●     |
| On-Line Accounting Systems Inc.            | ●                  |             |                 |                    |                    | ●              |                    | ★                  |          |         |             |
| On-Line Business Systems Inc.              | ●                  |             |                 |                    |                    |                | ●                  | ●                  | ●        |         |             |
| On-Line Computer Systems, Inc.             | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| On-Line Software International, Inc.       | ●                  |             | ★               |                    |                    | ●              |                    | ●                  |          | ● ●     | ●           |
| Online Computer Library Center Inc. (OCLC) | ●                  | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Open Systems, Inc.                         | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| OPOC Computing Inc.                        | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Oracle Corporation                         | ●                  |             |                 |                    |                    |                |                    |                    |          | ● ●     |             |
| ORBIS, Inc.                                | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Oregon Software, Inc.                      | ●                  | ●           | ●               | ●                  | ●                  |                |                    |                    |          | ● ●     |             |
| Organization Change Corporation            | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Oxford Software Corporation                | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| P.A. Computers & Telecommunications        | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| P.C. Quote, Inc.                           | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| P-Stat, Inc.                               | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ● ● ● ●     |
| PBS Computing                              | ●                  |             | ●               | ●                  | ★                  | ●              | ●                  | ●                  |          |         |             |

★ = Headquarters

# CAMP GEOGRAPHIC INDEX

| COMPANY NAME                       | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |        |
|------------------------------------|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|--------|
|                                    | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L | CANADA |
| PCS Data Processing Inc.           | ●                  | ●           | ★               | ●                  | ●                  | ●              |                    |                    |          |         |             |        |
| PDA Incorporated                   | ●                  | ●           | ●               | ●                  | ★                  | ●              | ●                  |                    |          | ●       |             |        |
| PDPS Computer Services             | ●                  | ●           |                 |                    |                    |                | ●                  | ★                  |          | ●       |             |        |
| PM Computer Services Company       | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |
| PRC Government Information Systems | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |
| PRC Realty Systems                 | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |
| PSA, Inc.                          | ●                  | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       | ●           |        |
| PSI Energy Software, Inc.          | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         | ●           |        |
| PSI-MED Corporation                | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |
| Pace Computer Systems              | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         |             |        |
| Pacesetter Systems, Inc.           |                    |             |                 |                    |                    |                | ★                  |                    |          |         |             |        |
| Pacific Computer Systems           | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ★       |             |        |
| Pacific Data Systems               | ●                  |             |                 |                    |                    |                |                    |                    |          | ★       |             |        |
| Pacific Sierra Research            | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |        |
| Paladin Software Corp.             | ●                  | ●           |                 |                    |                    |                | ●                  |                    | ●        |         | ●           | ●      |
| PALLM, Inc.                        | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |        |
| Pan American Systems Corporation   | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |
| Pansophic Systems, Incorporated    | ●                  | ●           | ●               | ★                  | ●                  | ●              |                    | ●                  | ●        | ●       | ●           | ●      |
| PAR Technology Corporation         | ●                  |             | ★               | ●                  |                    | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      |
| Para Data, Inc.                    | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      |
| Para Research                      | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |
| Parallax Systems, Inc.             | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           | ●      |
| Parker Computer Systems            | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         | ●           | ●      |
| Pattern Systems Of NJ              | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           | ●      |
| Patton Consultants, Inc.           | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           | ●      |
| Pay-Fone Systems, Inc.             | ●                  |             |                 | ●                  |                    |                |                    |                    |          | ●       |             |        |
| Paychex, Inc.                      | ●                  | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |        |
| Payday, The Payroll Co., Inc.      | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |
| Payne, Bruce Consultants Inc.      | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ●           | ●      |
| Paynter, E.F. & Associates, Inc.   | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ●           | ●      |
| Peachtree Software Inc.            | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         | ●           | ●      |
| Pearl Data Systems                 | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           | ●      |
| Pearlsoft Inc.                     | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           | ●      |
| Peat, Marwick, Mitchell & Co.      | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |        |
| Pegasus Systems, Incorporated      | ●                  |             |                 |                    |                    |                | ★                  | ★                  |          |         |             |        |
| Pennington Systems Incorporated    | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           | ●      |
| Penta Systems International, Inc.  | ●                  |             |                 | ●                  |                    | ★              |                    |                    |          | ●       |             | ●      |

★ = Headquarters

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| COMPANY<br>NAME                      | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |
|--------------------------------------|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|
|                                      | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC |
| Pentamation Enterprises Inc.         | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |
| Perception Technology Corp.          | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |
| Perfect Software, Inc.               | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       |
| Performance Development Corporation  | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |
| Performance Systems, Inc.            | ●                     |             |                 |                    |                    | ★              |                    |                    |          | ●       |
| Personal Computer Management Corp.   | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |
| Personnel Data Systems, Inc.         | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |
| Personnelmetrics, Inc.               | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |
| Petroleum Information Corporation    | ●                     |             |                 |                    |                    |                |                    |                    | ★        | ●       |
| Petroleum Software Systems, Inc.     | ●                     |             |                 |                    |                    |                | ★                  |                    |          | ●       |
| Petroleum Software, Inc.             | ●                     |             | ●               |                    |                    |                | ★                  | ●                  |          |         |
| Pharmaceutical Card Systems, Inc.    | ●                     |             |                 |                    |                    |                |                    | ★                  |          | ●       |
| Pharmacon                            | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |
| Phase 3                              | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |
| Phoenix Data Processing              | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |
| Phoenix Systems, Inc.                | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |
| Photo Data Inc.                      | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |
| Physicians Practice Management, Inc. | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |
| Pilot Executive Software             | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |
| Pinkerton Computer Consultants       | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |
| Pioneer Software, Inc.               | ●                     |             |                 | ★                  |                    |                |                    |                    |          | ●       |
| Planmetrics Inc.                     | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |
| Planning & Control Inc.              | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |
| Planning Research Corporation        | ●                     |             |                 |                    |                    | ★              |                    |                    |          | ●       |
| Plansmith Corporation                | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |
| Players Computer Inc.                | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |
| Police Data Systems                  | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |
| Policy Management Systems (PMS)      | ●                     | ●           |                 |                    |                    | ★              |                    | ●                  | ●        | ●       |
| Poorman-Douglas Corporation          | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |
| Power Base Systems                   | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |
| Practical Business Systems, Inc.     | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |
| Precision Visuals, Inc.              | ●                     |             |                 |                    |                    |                |                    | ★                  |          | ●       |
| Prestige Software Analysts, Inc.     | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |
| Price Waterhouse & Co.               | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |
| Primavera Systems Inc.               | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |
| Princeton Software Co, The           | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |
| Processing Management Systems (PMS)  | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ★                  | ●        |         |

★ = Headquarters

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| COMPANY NAME                           | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Prodigy Systems, Inc.                  | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Product Group, Inc.                    | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Productive Computer Systems            | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Professional Computer Resources, Inc.  | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ● ● ● ●     |
| Professional Computer Service          | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Professional Data Corp.                | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ● ● ●       |
| Professional Data Systems              | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Professional Processing, Inc.          | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Professional Software Solutions, Inc.  | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Profimatics Inc.                       | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ● ● ● ●     |
| Profit Control Systems                 | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ● ●         |
| Profitool, Inc.                        | ●                  |             |                 |                    |                    |                |                    |                    | ★        |         | ● ●         |
| Program Design Inc.                    | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ● ● ● ●     |
| Program Systems, Inc.                  | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Programs & Analysis, Inc.              | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Project Software & Development, Inc.   | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Proprietary Computer Systems, Inc.     | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Proprietary Software Systems, Inc.     | ●                  |             |                 |                    |                    |                |                    |                    |          | ● ●     | ●           |
| Proximity Devices Corporation          |                    |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Pryor Corporation                      |                    |             |                 | ★ ●                |                    |                |                    |                    |          |         |             |
| Psych Systems, Inc.                    | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         | ● ●         |
| Pulsar Systems, Inc.                   | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ● ●         |
| Punch Card Processing Co.              | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Q.S., Incorporated                     | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Quadra Systems                         | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Quadrex Corporation                    | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Quadsoft, Inc.                         | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Quadstar Corporation                   | ●                  | ● ●         | ●               |                    |                    |                |                    | ●                  |          |         | ● ● ●       |
| Qualtek Systems Laboratory, Inc.       | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Quanteckna Research Corp.              | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ● ● ● ●     |
| Quantitative Software Management, Inc. | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Quark Engineering                      |                    |             |                 |                    |                    |                |                    |                    | ★        |         |             |
| Quarterdeck Software                   | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Quest, Inc.                            | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Quic-N-Easi Products, Inc.             | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ● ● ●       |
| Quotron Systems Inc.                   | ●                  |             | ●               | ● ● ●              |                    |                |                    | ●                  |          | ● ●     |             |
| R.A.I.R.                               | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |

★ = Headquarters

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| COMPANY<br>NAME                               | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|---|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|   | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| RDW Systems, Inc.                             | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| RKI Databank                                  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| RLG Corporation                               | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| RMC Research                                  | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| ROH   | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| ROI Consulting Inc.                           | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| RTC Systems, Inc.                             | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| RTR Software                                  | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| RWB Associates                                | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Racal-Redac, Inc.                             | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Rand Information Systems, Inc.                | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Rand Systems Corp.                            |                       |             |                 | ●                  |                    |                |                    |                    |          |         |             |
| Rand Travel Agency Services                   |                       |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Randolph Technical Services, Inc.             | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Rath & Strong, Inc. Products, Inc.            | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Raven Systems and Research, Inc.              | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Reader's Digest Services                      |                       |             | ●               |                    |                    |                |                    |                    |          |         |             |
| Real Estate Data                              | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Reality Software Company                      | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Realtron Corporation                          | ●                     |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |
| REAP Inc.                                     | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Redshaw, Inc.                                 | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Rehab Group, Inc.                             | ●                     |             | ●               |                    |                    | ★              | ●                  | ●                  |          | ●       | ●           |
| Relational Database Systems, Inc.             | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Relational Technology Inc.                    | ●                     | ●           | ●               | ●                  |                    | ●              | ●                  |                    |          | ●       | ●           |
| Republic Management Systems                   | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Republic Service Bureau Inc.                  | ●                     | ●           |                 |                    |                    |                |                    |                    |          | ●       |             |
| Republic Technology Corp. Systems Division    | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| Resource Information Management Systems, Inc. | ●                     |             |                 | ★                  |                    |                |                    | ●                  |          |         |             |
| Response of Hawaii, Inc.                      | ●                     |             |                 |                    |                    |                |                    |                    |          | ★       |             |
| Reuters North America                         | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Reveal Software, Inc.                         |                       |             | ●               |                    |                    |                |                    |                    |          |         |             |
| Revere Technology                             | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         | ●           |
| Reynolds & Reynolds Company, The              |                       |             | ●               | ★                  |                    |                |                    |                    |          | ●       | ●           |
| Rhintek, Inc.                                 | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Rockford Research Inc.                        |                       | ●           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Roshell Ivri Software Company                 | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |

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| COMPANY NAME                              | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|---|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|   | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Ross Systems, Inc.                        | ●                  |             | ●               |                    |                    |                |                    | ●                  |          | ●       | ●           |
| Rothenberg Information Systems Inc.       | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Rubel Software                            | ●                  | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Ryan-McFarland Corp.                      | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| S & H Computer Systems                    | ●                  |             |                 |                    |                    |                | ★                  |                    |          | ●       | ●           |
| S-Cubed                                   | ●                  | ●           | ●               |                    | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| SAS Institute, Inc.                       | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| SBD Computer Services                     | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| SCA Products & Services                   | ●                  | ●           | ★               | ●                  | ●                  |                | ●                  |                    | ●        |         | ●           |
| SD Transport Services, Inc.               | ●                  |             |                 |                    | ★                  |                |                    |                    |          |         | ●           |
| SDA Federal Systems, Inc.                 | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| SDI                                       | ●                  |             | ●               | ●                  | ●                  |                |                    | ●                  | ●        | ●       | ●           |
| SDK Medical Computer Services Corporation | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| SEI Corporation                           | ●                  | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         | ●           |
| SEI Information Technology                | ●                  |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |
| SGM, Inc.                                 | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         | ●           |
| SIJV Data Service Inc.                    | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| SKK, Inc.                                 | ●                  |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |
| SMC Software Systems                      | ●                  |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| SRS Programming Reserve Inc.              | ●                  |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| STS, Inc.                                 | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| STSC, Inc.                                | ●                  |             |                 |                    |                    | ★              |                    |                    |          | ●       | ●           |
| Sachs/Freeman Associates Inc.             | ●                  |             |                 |                    |                    | ★              |                    |                    |          | ●       | ●           |
| Saddlebrook Corporation                   | ●                  | ★           |                 | ●                  |                    | ●              | ●                  | ●                  | ●        |         | ●           |
| SAFECO Title Insurance                    | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Safeguard Business Systems, Inc.          | ●                  |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| Safeguard Scientifics, Inc.               | ●                  |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| Sage Data Inc.                            | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Sage Systems Inc.                         | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| San Francisco Systems, Inc.               | ●                  |             |                 |                    |                    |                |                    |                    | ●        |         | ●           |
| Sarig Business Systems, Inc.              | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Sat Com Inc.                              | ●                  |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| SATCOM (Satellite Computing, Inc.)        | ●                  |             |                 |                    |                    | ★              |                    |                    |          | ●       | ●           |
| Satellite Software International (SSI)    | ●                  | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Saztec                                    | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Scheduling Corporation of America         | ●                  | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Schulstad, Myers & Associates Inc         | ●                  |             |                 |                    |                    |                | ★                  |                    |          |         | ●           |

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| COMPANY NAME                               | GEOGRAPHIC MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|--------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.         | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Science Applications, Inc.                 | ●                  |             |                 |                    |                    | ●              |                    |                    |          | ●       |             |
| Science Management Corporation             | ●                  |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Scientific Calculations                    | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Scientific Computers Inc.                  | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Scientific Information Retrieval, Inc.     | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| Scientific Software-Intercomp              | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |
| Scribe Data Systems                        | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Scripps Data Systems Inc.                  | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Securities Data Company, Inc.              | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Securities Industry Automation Corporation | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Sedalia Computer Services, Inc.            | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Sedlak, J.P. Associates                    | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Seiscom Delta, Inc.                        | ●                  |             |                 | ●                  |                    |                |                    |                    |          |         |             |
| Seisdata Services, Inc.                    | ●                  |             |                 |                    |                    |                | ●                  | ★                  | ●        | ●       |             |
| Seismograph Service Corp.                  | ●                  |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |
| Selva Systems Inc.                         | ●                  | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Sentinel Computer                          | ●                  | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Sentry Data Inc.                           | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Sercon Corporation                         | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| SERENA Consulting                          | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Service Software Inc.                      | ●                  |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| Shaker Computer and Management Services    | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Shales & Young Information Systems, Inc.   | ●                  |             |                 |                    |                    |                |                    |                    |          |         |             |
| Shared Financial Systems                   | ●                  | ●           | ●               | ●                  | ●                  | ●              | ●                  | ★                  | ●        | ●       | ●           |
| Shared Medical Systems Corporation         | ●                  | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Sharp, I.P. Associates                     | ●                  |             |                 |                    |                    |                |                    |                    |          |         | ★           |
| Shaw Data Services, Inc.                   | ●                  | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         | ●           |
| Shirley Software Systems                   | ●                  |             |                 | ●                  |                    | ●              | ●                  |                    |          | ●       | ●           |
| Shriver, R., Associates                    | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Sierra On-Line, Inc.                       | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Sigma Software Inc.                        | ●                  |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Signal Technology, Inc.                    | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Silicon Valley Systems Inc.                | ●                  |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Simcon Inc.                                | ●                  |             |                 |                    |                    |                |                    |                    |          |         |             |
| SIMPLAN Systems Inc (SSI)                  | ●                  |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Simple Soft Inc.                           | ●                  |             |                 | ●                  |                    |                |                    |                    |          | ●       | ●           |
| Sirco Enterprises, Inc.                    | ●                  |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |

★ = Headquarters

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| COMPANY<br>NAME                                    | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Small Business Data Processing Corporation         | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Small Business Management Systems Inc              | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |             |
| Small Business Systems Group                       | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Smart Communications Inc.                          | ●                     | ●           | ★               | ●                  |                    | ●              | ●                  |                    |          |         |             |
| Smart, Inc.  | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| SMITES Group                                       | ●                     | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        |         |             |
| Smith, A.O. Data Systems Division                  | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Smith, Dennis & Gaylord                            | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Smyth Business Systems                             | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Soft Core International, Inc.                      | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Soft Pro Systems                                   | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       |             |
| Softech Microsystems Inc.                          | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| SofTech, Inc.                                      | ●                     | ★           | ●               | ●                  | ●                  | ●              |                    |                    | ●        | ●       |             |
| Softlink   | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Softmatics Corporation                             | ●                     | ●           |                 |                    |                    |                |                    |                    |          |         |             |
| Softool Corporation                                | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Softsel Computer Products, Inc.                    | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Software AG of North America, Inc.                 | ●                     | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       |             |
| Software Alliance                                  | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Software Alternatives                              | ●                     | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Software Arts Inc.                                 | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Software Authority, The                            | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         |             |
| Software Clearing House, The                       | ●                     |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |
| Software Connections, Inc.                         | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         | ●           |
| Software Design Associates, Inc.                   | ●                     |             |                 |                    | ●                  |                |                    |                    |          | ●       | ●           |
| Software Development & Maintenance Int'l. Inc.     | ●                     |             |                 |                    | ★                  |                |                    |                    |          | ●       | ●           |
| Software Maintenance and Development Systems, Inc. | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       |             |
| Software Publishing Corporation                    | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       |             |
| Software Pursuits, Inc.                            | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Software Research Associates                       | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Software Research Corp.                            | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Software Services Of America Inc.                  | ●                     | ★           |                 |                    |                    |                |                    |                    | ●        |         |             |
| Software Shop Systems, Inc.                        | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Software Solutions Inc.                            | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Software Systems Associates                        | ●                     | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       |             |
| Software Systems Inc.                              | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         |             |
| Software Systems Inc.                              | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         |             |

★ = Headquarters

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| COMPANY<br>NAME                            | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Solosystems Inc.                           | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Solution Systems, Inc.                     | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Sophisticated Data Research, Inc.          | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Sorcim/IUS                                 | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Sorites, Inc.                              | ●                     | ●           | ●               | ●                  | ●                  | ★              | ●                  | ●                  | ●        | ●       | ●           |
| SOTA Computer Systems                      | ●                     |             |                 |                    |                    |                | ●                  | ●                  | ●        | ●       | ●           |
| Source Data, Inc.                          | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Source Telecomputing Corporation           | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Source-2                                   | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| South Hills Computer Center Inc.           | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Southern Computer Systems, Inc.            | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Southwest Modular Systems, Inc.            | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Southwest Software Services Inc            | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Space Age Computation Systems              | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Spartacus Computers, Inc.                  | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Specialty Computer Services Inc.           | ●                     |             |                 |                    | ★                  |                |                    |                    |          | ●       | ●           |
| Spectrogram Corporation                    | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Spectron Corporation                       | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         | ●           |
| Spectrum International, Inc.               | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Sperry Corporation Computer Systems        | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |             |
| Spinnaker Software Corporation             | ●                     | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Squire, Buresh Associates Inc.             | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| St. Joseph Systems                         | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| Standard & Poor's Compustat Services, Inc. | ●                     |             | ●               |                    |                    |                |                    | ★                  |          | ●       | ●           |
| Stanford Engineering Corp.                 |                       |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Star Software                              |                       |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| STAT:TAB                                   | ●                     |             | ●               | ★                  | ●                  |                |                    | ●                  |          | ●       |             |
| State of the Art Inc.                      | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| State Space Systems Inc.                   | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       |             |
| Statistical Graphics Corp.                 | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| Statistical Tabulating Corporation         | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Stauffer Development Corp.                 | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| Sterling Software Marketing                | ●                     |             |                 |                    |                    |                |                    |                    | ●        | ●       | ●           |
| Sterling Software, Inc.                    | ●                     |             |                 |                    |                    |                | ★                  |                    |          | ●       | ●           |
| Stockholder Systems, Inc.                  | ●                     |             |                 |                    |                    | ★              |                    |                    |          | ●       | ●           |
| Stonehouse & Company                       | ●                     |             |                 |                    |                    |                | ★                  | ●                  | ●        |         | ●           |
| Strategic Information                      | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |

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| COMPANY<br>NAME                           | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|---|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|   | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Strategic System Solutions, Inc.          | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| Structural Members Users Group            | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| Structured Methods, Inc.                  | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Summagraphics Corporation                 | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| SunData Corporation                       | ●                     |             | ★               | ●                  |                    | ●              |                    |                    | ●        |         | ●           |
| Suntel Systems Corporation                | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         | ●           |
| Superdata, Inc.                           | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Superset, Inc.                            | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Survey Tabulation Services Inc.           | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Sydney Development Corporation            | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ★           |
| Symbolic Financial Systems Corporation    | ●                     |             |                 |                    |                    | ●              | ★                  | ●                  | ●        |         | ●           |
| Symbolics                                 | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| Syncsort Inc.                             | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Synercom Technology, Inc.                 | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Syntelligence                             | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Syscom, Inc.                              | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| SYSCON Corporation                        | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| SYSGEN, Inc.                              | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Systech Inc.                              | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| System Automation Corporation             | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
| System Communication Corp.                | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| System Development Corporation            | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| System Support Software, Inc.             | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| System's Technology Automated Resources   | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Systematics, Inc.                         | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Systemation, Inc.                         | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Systemhouse Ltd.                          | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ★           |
| Systemhouse, Inc.                         | ●                     | ●           | ●               |                    | ●                  |                |                    |                    | ●        |         |             |
| System Of Florida, Inc.                   | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| System Of New Jersey, Inc.                | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| System Of Texas, Inc.                     | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Systemp, Inc.                             | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Systems & Computer Technology Corporation | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Systems & Information Dynamics, Inc.      | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| Systems and Applied Sciences Corporation  | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Systems and Programming Resources Inc.    | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Systems Architects, Inc.                  | ●                     | ★           |                 | ●                  | ●                  |                |                    | ●                  |          |         |             |

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| COMPANY<br>NAME                                     | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|---|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|   | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Systems Associates Inc. (SAI)                       | ●                     | ●           |                 |                    | ★                  |                |                    | ●                  | ●        | ●       |             |
| Systems Center, Inc., The                           | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Systems Control, Inc.                               | ●                     |             |                 |                    | ●                  |                |                    |                    |          | ●       | ●           |
| Systems Coordination Inc.                           | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Systems Data Inc.                                   | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Systems Data Processing Corporation                 | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Systems Design & Development Corporation            | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |
| Systems Engineering Computer Co.                    | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Systems Management Inc.                             | ●                     |             | ★               | ●                  |                    |                |                    |                    |          | ●       | ●           |
| Systems Plus Inc.                                   | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Systems Products International, Inc.                | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Systems Specialists, The                            | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Systems Strategies, Inc.                            | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Systonetics, Inc.                                   | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Sytech Corporation                                  | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| T & B Computing Inc.                                | ●                     | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| T Systems   | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| T.C.S., Inc. (Transportation Concepts And Services) | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| T.S.R. Consulting Services, Inc.                    | ●                     |             |                 |                    |                    |                |                    |                    |          |         |             |
| TCS Software Inc.                                   | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| TEC   | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| TKS Corporation                                     | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| TLS Company   | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| TMI Systems Corporation                             | ●                     | ★           | ●               |                    | ●                  |                |                    |                    |          | ●       | ●           |
| TOM Software (The Office Manager, Inc.)             | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| TRW Information Services                            | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| TRW Property Data Services                          | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| TSR, Inc.   | ●                     | ●           | ★               | ●                  |                    | ●              |                    | ●                  |          | ●       |             |
| Tabershaw Occupational Medicine Association         | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         | ●           |
| Tag Inc.  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Tailored Data, Inc.                                 | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Tandem Computers Incorporated                       | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Tandy Corporation                                   | ●                     |             |                 |                    |                    |                | ★                  |                    |          | ●       |             |
| Technalysis Corporation                             | ●                     |             |                 | ●                  | ★                  | ●              |                    |                    |          |         |             |
| Technical Analysis Corporation (TAC)                | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Technical Support Associates Inc.                   | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        |         |             |
| Technical Systems Consultants Inc. (TSC)            | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         | ●           |

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| COMPANY<br>NAME                               | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
|---|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|--------|--------|-------|
|   | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L | CANADA | EUROPE | OTHER |
| Technicon Data Systems Corporation            | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Technology And Information, Products          | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Technology Development of California          | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Tekkon Computer Services                      | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Teknekron Financial Systems                   | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |        |        |       |
| Teknowledge Federal Systems Inc.              | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Teknowledge, Inc.                             | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           | ●      |        | ●     |
| Tel-A-Data, Inc.                              | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |        |        |       |
| Teldata Systems Corporation                   | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Telecredit, Inc.                              | ●                     |             |                 |                    | ●                  |                |                    |                    |          | ●       |             |        |        |       |
| Telerate, Inc.                                | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |        |        |       |
| Telesis Systems Corporation                   | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           | ●      | ●      | ●     |
| Telesoft                                      | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      | ●      | ●     |
| Telic Services Corporation                    | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |        |        |       |
| Telmar Group                                  | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Telos Corporation                             | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |        |        |       |
| Temple, Barker & Sloane, Inc. (TBS)           | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           | ●      | ●      | ●     |
| TERA Corporation                              | ●                     | ●           | ●               |                    |                    | ●              |                    | ●                  |          | ●       |             |        |        |       |
| Terminal Applications Group                   | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           | ●      |        |       |
| Terrano Corporation                           | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |        |        |       |
| Tesseract Corporation                         | ●                     |             |                 | ●                  |                    | ●              |                    |                    |          | ●       |             |        |        |       |
| Texas Direct, Inc. Inc.                       | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |        |        |       |
| Texas Instruments Inc.                        | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |        |        |       |
| The Information Store, Inc.                   | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Thomas National Group, Inc., The              | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Thomas-Laguban & Associates, Inc.             | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |        | ●      | ●     |
| Three PM Inc.                                 | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |        |       |
| Ticketron, Inc.                               | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           | ●      |        |       |
| TIM-Formation, Inc.                           | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |
| Timberline Systems, Inc.                      | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |        |        |       |
| Time-Sharing Systems Inc.                     | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |        |        |       |
| Tiny Systems, Inc.                            | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         |             |        |        |       |
| Tipnis Incorporated                           | ●                     | ●           | ●               | ★                  |                    |                |                    |                    |          |         | ●           |        | ●      |       |
| Tominy, Inc.                                  | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           | ●      | ●      | ●     |
| Tone Software Corporation                     | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |        | ●      | ●     |
| Total Environmental Systems Computer Division | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |        |        |       |
| Touche Ross & Company                         | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |        |        |       |

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| COMPANY<br>NAME  | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Touchette Corporation                                  | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Tower Systems, Inc.                                    | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Trac Line Computer Corp.                               | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| Traffic Data Systems, Inc. (TDS, Inc.)                 | ●                     | ★           | ●               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Trail Blazer Systems Inc.                              | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Trans Micro Systems Inc.                               | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
| Trans Union Corporation                                | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Trans Union Credit Information Co.                     | ●                     | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Transcomm Data Systems, Inc.                           | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Transportation Data Management                         | ●                     | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       |             |
| Tremco Consultants, Inc.                               | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         |             |
| TRES Computer Systems, Inc.                            | ●                     |             |                 |                    |                    |                | ★                  |                    |          | ●       |             |
| Triad Systems Corporation                              | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Triangle Software Company                              | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Tricad, Inc.   | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Trionic International, Inc.                            | ●                     | ●           |                 |                    |                    |                |                    |                    |          |         |             |
| TronCorp   | ●                     |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |
| Tru-Check Computer Systems, Inc.                       | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Turnkey Information Processing Inc                     | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Tymlabs Corporation                                    | ●                     |             |                 |                    |                    |                | ★                  |                    |          | ●       | ●           |
| Tymshare, Inc.   | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| U.S. Software  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| UCCEL Corporation                                      | ●                     |             |                 |                    |                    |                | ★                  |                    |          | ●       |             |
| UDP, Inc.  | ●                     |             |                 |                    |                    |                | ★                  |                    |          |         |             |
| Ulrich, Walter E. Consulting                           | ●                     |             |                 |                    |                    |                | ★                  |                    |          | ●       |             |
| Ultimate Corp., The                                    | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |             |
| Ultradata Corporation                                  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| UNI-COLL Corporation                                   | ●                     |             | ★               |                    |                    |                | ●                  |                    |          | ●       |             |
| Upicalc Corporation                                    | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| Unilogic, Ltd.   | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| United Computer Service, Inc.                          | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| United Education & Software Data Systems Group         | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| United Information Services Inc                        | ●                     |             |                 |                    | ★                  |                |                    |                    |          | ●       |             |
| United Software Systems and Services Corporation (U3S) | ●                     |             |                 |                    |                    |                |                    |                    | ●        |         |             |
| United Telecommunications, Inc.                        | ●                     |             |                 | ★                  |                    |                |                    |                    |          | ●       |             |
| Univair Inc.   | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |
| Universal Business Systems, Inc.                       | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         |             |

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| COMPANY<br>NAME                              | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
|--|-----------------------|-------------|-----------------|--------------------|--------------------|----------------|--------------------|--------------------|----------|---------|-------------|
|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Universal Information Systems Inc.           | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Universal Software, Inc.                     | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Universal Systems Of America, Inc.           | ●                     |             |                 |                    | ★                  |                |                    |                    |          | ●       | ●           |
| University Computing Company                 | ●                     | ●           | ●               | ●                  | ●                  | ●              | ●                  | ★                  | ●        | ●       | ●           |
| Urban Data Processing                        | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Urban Decision Systems, Inc.                 | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| Users Incorporated                           | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Userware International                       | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Utility Computing Service, Inc.              | ●                     |             |                 |                    |                    |                | ★                  |                    |          | ●       | ●           |
| Uveon Computer Systems, Inc.                 | ●                     |             |                 |                    |                    |                |                    | ★                  |          | ●       | ●           |
| Visible Systems Corporation                  | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| VLSI Technology, Inc.                        | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
| VM Software, Inc.                            | ●                     |             |                 |                    | ★                  |                |                    |                    |          | ●       | ●           |
| VSE Corporation                              | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Value Computing, Inc.                        | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       |             |
| Vantage Computer Systems, Inc.               | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       |             |
| Vector Systems, Inc.                         | ●                     |             |                 | ★                  |                    |                |                    |                    |          | ●       | ●           |
| VenturCom Inc.                               | ●                     | ★           |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Vertex Systems Inc.                          | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| Vetrol Data Systems Inc.                     | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Via Computer, Inc.                           | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Vidmar, Stanley                              | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Vining Sparks Securities, Inc.               | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         |             |
| Visible Systems Corp.                        | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Vision Technology Inc.                       | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Vista Computer, Inc.                         | ●                     |             | ★               |                    |                    |                |                    |                    |          | ●       | ●           |
| Vista Concepts, Inc.                         | ●                     | ●           | ★               | ●                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Vital Computer Services International, Inc.  | ●                     | ●           | ★               |                    |                    |                |                    |                    |          |         |             |
| Volt Delta Resources Inc.                    | ●                     |             | ★               |                    |                    |                | ●                  |                    | ●        |         |             |
| Wachovia Corporation, The                    | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Wachovia Services Inc.                       | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Walker Interactive Products                  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Walker Interactive Products Systems Software | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
| Walsh, Richard M., Associates Inc.           | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Warrington Associates, Inc.                  | ●                     | ●           | ●               | ●                  | ★                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Waters Business Systems, Inc.                | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         |             |
| Wayne Computer Center Inc.                   | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |

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| COMPANY<br>NAME                          | GEOGRAPHIC<br>MARKETS |             |                 |                    |                    |                |                    |                    |          |         |             |
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|  | TOTAL U.S.            | NEW ENGLAND | MIDDLE ATLANTIC | EAST NORTH CENTRAL | WEST NORTH CENTRAL | SOUTH ATLANTIC | EAST SOUTH CENTRAL | WEST SOUTH CENTRAL | MOUNTAIN | PACIFIC | TOTAL INT'L |
| Weidenhammer Systems Corp.               | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Weidner Communications                   | ●                     |             |                 |                    |                    |                |                    |                    | ★        |         | ●           |
| West Florida Data Processing             | ●                     |             |                 |                    |                    | ★              |                    |                    |          |         | ●           |
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| Western Geophysical Company of America   | ●                     |             |                 |                    |                    |                |                    | ★                  |          |         | ●           |
| Western Union Corporation                | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
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| Whalen Computer Services, Inc.           | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Whelan Associates Inc.                   | ●                     |             | ★               |                    |                    |                |                    |                    |          |         | ●           |
| White Hat Systems, Inc.                  | ●                     | ★           |                 |                    |                    |                |                    |                    |          |         | ●           |
| White, Bob, Computing and Software Inc.  | ●                     | ●           |                 |                    |                    |                |                    |                    |          |         | ●           |
| White, Robert F. and Company             | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
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| Wilson Systems Group                     | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| Winterhalter, Incorporated Inc.          | ●                     |             |                 | ★                  |                    |                |                    |                    |          |         | ●           |
| Wisner Associates, Inc.                  | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       | ●           |
| Wolf Data Services, Inc.                 | ●                     |             |                 |                    | ★                  |                |                    |                    |          |         |             |
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| Worlco Data Systems, Inc.                | ●                     |             | ★               |                    |                    |                |                    |                    |          |         |             |
| World Research Systems Ltd.              | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
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| Worldwide Chain Store Systems            | ●                     | ●           | ●               | ★                  | ●                  | ●              | ●                  | ●                  | ●        | ●       | ●           |
| Worth, Auger & Associates                | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
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| XXCAL                                    | ●                     |             |                 |                    |                    |                |                    |                    |          |         | ●           |
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| XIDAK, Inc.                              | ●                     |             |                 |                    |                    |                |                    |                    |          | ●       |             |
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# INPUT

1943 LANDINGS DRIVE, MOUNTAIN VIEW, CA 94043

(415) 960-3990

February 20, 1985

Mr. Rosszell  
Chief Financial Officer  
ERICSSON  
Office Park 3  
Greenwich, CT 06830

Dear Mr. Rosszell:

INPUT is an international research firm that specializes in tracking the Information Services Industry. This is our annual industry survey to identify industry size, growth, and market segments. It is one of many research projects conducted by INPUT each year.

Enclosed is the questionnaire we discussed on the telephone. We appreciate your support in helping us develop a detailed and accurate survey of the industry. In order to standardize the data we are asking for calendar information. If you do report fiscal rather than calendar information, please indicate that it is fiscal data.

Your support is sincerely appreciated. I will call you next week to complete the questionnaire. It should take less than 10 minutes. As I mentioned, we will provide a summary of the results of this study as a token of our appreciation. Thank you.

Sincerely,



Sheila Kuniyoshi  
Research Assistant

SK:as

Enclosure

